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United States Department of Agriculture

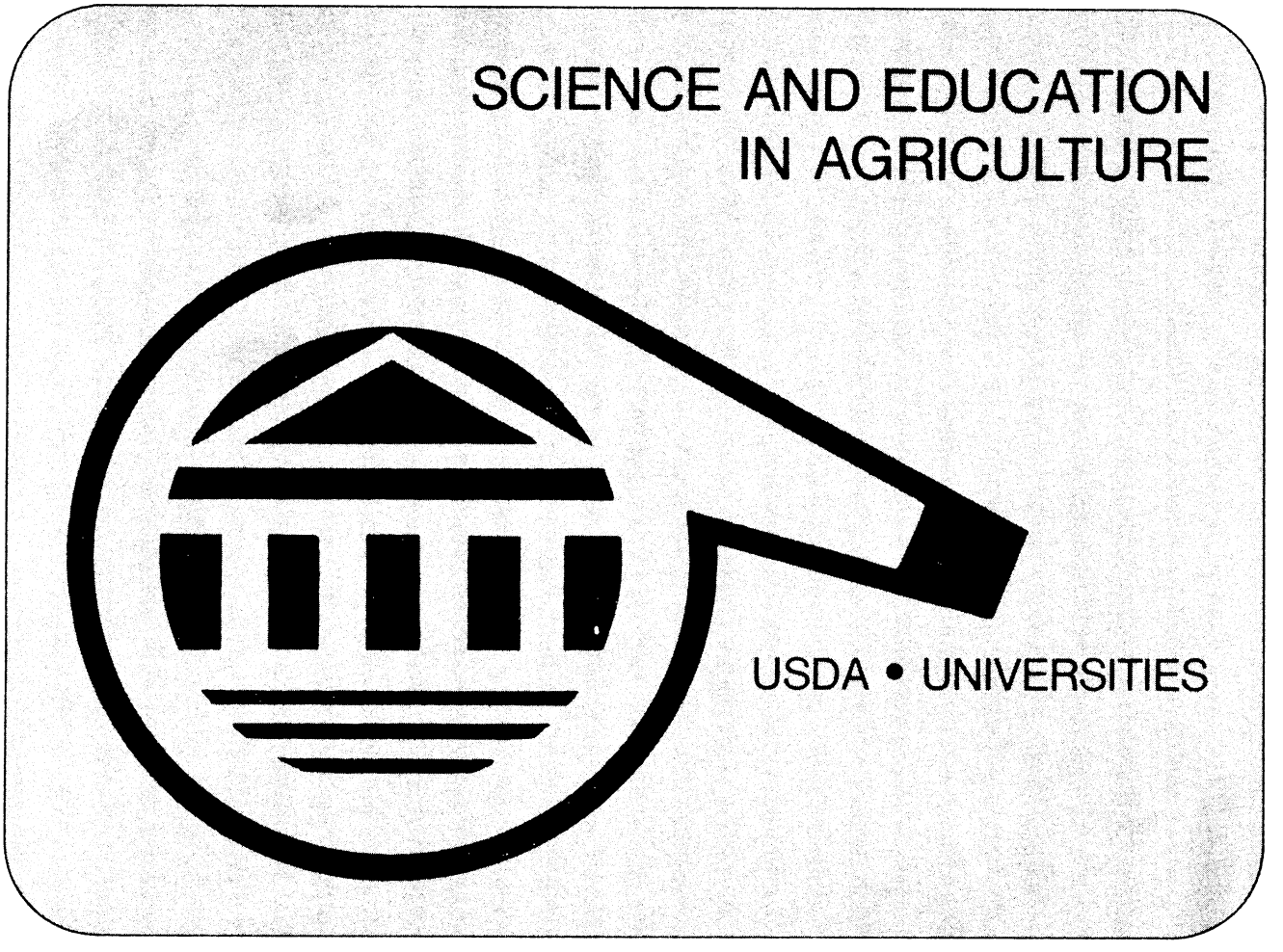
Science and Education Administration

Agricultural Reviews and Manuals —H—9

April 1981

Inventory of Agricultural Research FY 1978

Volume II
Table II, III and IV



INVENTORY OF AGRICULTURAL RESEARCH

Volume II
(Tables II, I-II, IV)

Funding and scientist year data for USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions - by Commodity or Resource and by the Research Problem Area.

FISCAL YEAR 1978

This report was compiled from data supplied to the Current Research Information System (CRIS) by USDA Research Agenices, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions

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Agricultural Research (AR)	10-11
Cooperative Research (CR)	12-13
Competitive Research Grant Office (CRGO)	14
Economics, Statistics and Cooperatives Service (ESCS)	15
Forest Service	16
National Total SAES, Forestry Schools, Other Cooperating Institutions	17-19
National Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeast)	20-22
Region 2 (Southern)	23-25
Region 3 (North Central)	26-28
Region 4 (Western)	29-31
National Total State Agricultural Experiment Stations (SAES)	32-34
Station Totals SAES (Table II-B only)	
Alabama, Alaska	35
Arizona, Arkansas	36
California	37
Colorado, Connecticut (New Haven)	38
Connecticut (Storrs), Delaware, District of Columbia	39
Florida	40
Georgia, Guam	41
Hawaii, Idaho	42
Illinois	43
Indiana	44
Iowa	45
Kansas, Kentucky	46
Louisiana, Maine	47
Maryland, Massachusetts	48
Michigan	49
Minnesota, Mississippi	50
Missouri, Montana	51
Nebraska, Nevada	52
New Hampshire, New Jersey	53
New Mexico	54

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New York (Ithaca, Geneva) 55
North Carolina, North Dakota 56
Ohio, Oklahoma 57
Oregon, Pennsylvania 58
Puerto Rico, Rhode Island 59
South Carolina, South Dakota 60
Tennessee 61
Texas, Utah 62
Utah, Vermont 63
Virgin, Islands, Virginia 64
Washington, West Virginia 65
Wisconsin 66
Wyoming 67
Forestry Schools - Total 68
Forestry Schools (Table II-B only)
Flagstaff, Arcata, Carbondale, Ft. Collins, Moscow 69
Ruston, Ann Arbor, Houghton, Missoula 70
Syracuse, Corvallis, Clemson 71
Nacogdoches, Burlington, Seattle 72
Other Cooperating Institutions - Total 73-74
Other Cooperating Institutions (Table II-B only)
Tuskegee, Normal, Pine Bluff, Boulder 75
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National Total SAES, Forestry Schools, Other Cooperating Institutions 94-96
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Region 1 (Northeast) 97-99
Region 2 (Southern) 100-102
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National Total Forestry Schools 112-113
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Summary Data by Source for Fiscal Year for State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions

Regional Total SAES, Forestry Schools, Other Cooperating Institutions
Region 1 (Northeast) 116
Region 2 (Southern) 116
Region 3 (North Central) 117
Region 4 (Western) 117

INTRODUCTION

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study. A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III, and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Area (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means that funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the Stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Current Research Information System, Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)
"Field of Science" - 0412 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 100%

Same inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity"-1400 (Corn)
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of field crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn).
"Field of Science" - 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of field crops) - 25%

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25% would be aggregated with other projects in the Problem Area. "Improvement of biological efficiency of field crops." In the Commodity tabulations, 100% of this project would be in "corn."

TABLE II

Column 1 includes abbreviations for the Commodity and Problem Area Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision III, January 1978, for a more detailed description of the Commodity and Problem Area classification.

"NO OF PROJ" column 2, gives the number of projects in a particular classification category. Projects with more than one line of classification (as explained in the last two paragraphs on page vi) may be tabulated in more than one category.

"SCIENTIST YEARS" column 3, includes for SAES, Forestry Schools, and Other Cooperating Institutions all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)" column 4, means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including CSRS in the case of Special Grants, the amounts reported are the sums of the amounts in Fields 101, 104, 105, 106 and 107 of Form AD-418 plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES, Forestry Schools, and Other Cooperating Institutions. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS" column 5, includes for USDA all funds under "REG FED APPR" plus "Other Federal Research Funds" as reported on Form AD-418 (excepting AID funds and PL-480 funds) plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES, Forestry Schools, and Other Cooperating Institutions "TOTAL FUNDS" includes "REG FED APPR" plus "Other Federal Research Funds" excepting AID funds) as reported on Form AD-419 plus "Non-Federal Research Funds" as reported on Form AD-419.

"USDA CON GR CA WITH SAES," columns 6 and 7, refer to contracts, grants, and cooperative agreements under which the USDA uses Federally appropriated funds to State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions for the performance of specific research tasks. They include CR "Special Grants" but not grants from other CR administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 through 5. State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions report expenditures of these funds in Fields 204 and 219 of Form AD-419. Scientist-years supported by these funds are not reported separately for SAES, et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with a State station as a separate work unit or project. The amounts included in column 7 by USDA are reported in Field 19 of Form AD-416. This field shows the expected scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the National Summary for USDA, SAES, Forestry Schools, and Other Cooperating Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA Contracts, Grants, and Cooperative Agreements with the SAES, et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 7.

TABLE III

Table III summarizes data supplied by USDA research agencies on Forms AD-416 and AD-417 and AD-418.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of Contracts, Grants, and Cooperative Agreements with SAES).

Columns 4, 5 and 6 "STAFF-I.H. SUPPORT YEARS" give the Federally employed (In-House) staff support for research in years of effort for these categories of support personnel, i.e. Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418). For ARS, entries in the column entitled "Other" represent a summation of Fields 142, 143 and 144.

Columns 7 - 17, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS" involve rounding each datum to the nearest $1,000 and because of this the items in a column may not add exactly to the total shown. Please note that funds shown are Gross obligations.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "C G CA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418).

Column 12, "WHITT ACT" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (Reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations, excepting funds transferred from the Agency for International Development (AID funds) and PL-480 funds (Fields 310-316), inclusive and Field 318 of Form AD-418.

Column 16, "NON-FED FUND" includes all funds made available to the Department of research by non-Federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL" is a summation of all funds reported in columns 14, 15 and 16.

TABLE IV

Table IV summarizes data supplied by the 55 State Agricultural Experiment Stations, 15 Forestry Schools, and 19 Other Cooperating Institutions on Forms AD-417 and AD-419.

Included in the summaries for the Northeast Region are the research programs of all SAES, Forestry Schools, and Other Cooperating Institutions in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia.

Included in the summaries for the Southern Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES, cooperating Forestry Schools, and Other Cooperating Institutions in: Alaska, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES, cooperating Forestry Schools, and other Cooperating Institutions in: Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Columns 4, 5 and 6, "STAFF SUPPORT YEARS" give the non-Federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of Form AD-419).

Columns 7 - 19, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS" involve rounding each datum to the nearest $1,000 and, because of this, items in a column may not add exactly to the total shown.

Column 7, "HATH" includes obligations of formula grant funds received by SAES from Federal appropriations made under provisions of the Hatch Act (Field 201 of Form AD-419).

Column 8,"RRF" includes obligations of regional research funds received by SAES from Hatch Act appropriations (Field 202 of Form AD-419).

Column 9, "MCIN STEN" includes obligations of funds received by SAES and Forestry Schools under provisions of the McIntire-Stennis Act (Field 203 of Form AD-419).

Column 11, "OTH CSRS" includes obligations of funds received by SAES, Forestry Schools, and Other Cooperating Institutions from any sources other than Hatch, RRF, McIntire-Stennis, or basic research grant appropriations (Field 205 of Form AD-419).

Column 12, "TOT CSRS" includes obligations of funds received by SAES et al. from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 7, 8, 9, 10 and 11.

Column 13, "USDA CGCA" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with the research performing agencies of the USDA. This includes funds received under CSRS Special Grant (Field 219 of Form AD-419).

Column 14, "OTHER FED" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with Federal agencies other than the USDA Field 332 minus Fields 219 and 308 of Form AD-419).

Column 15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

Column 16, "PROD SALES" includes obligations of funds received by SAES et al. from sales of products (Field 221 of Form AD-419).

Column 17, "INDUSTRY" includes obligations of funds received by SAES et al. from industry that were expended in support of research (Field 222 of Form AD-419).

Column 18, "OTHER" includes obligations of funds received by SAES, et al. from any other non-Federal sources (Field 223 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17 and 18.

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH RESUME

U. S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS

DATE (Day, Month, Year) | AMENDMENT ☐

1. ACCESSION NO. | AGENCY IDENTIFICATION NO. 2. 3. 4. | 5. WORK UNIT/PROJECT NO. | 6. STATUS: New A ☐ Extended B ☐ Revised C ☐ Terminated E ☐ Pending F ☐

7. TITLE

8. PERFORMING ORGANIZATION

CITY | STATE/COUNTRY | ZIP CODE | CONG. DISTRICT

13. RESPONSIBLE ORGANIZATION

CITY | 14. STATE | ZIP CODE

12. INVESTIGATOR NAME(S) (Last name & initials)

1 _____ 4 _____

2 _____ 5 _____

3 _____ 6 _____

15. RESPONSIBLE INDIVIDUAL (Last name & initials)

16. RESEARCH LOCATION ON CAMPUS A ☐ Yes B ☐ No

PROJECT TYPE

17-1. FOR USDA USE: A ☐ Contract B ☐ Grant C ☐ Coop. Agmt. D ☐ In-house

17-2. FOR USDA USE: Contr./Gr./Agmt. with SAES A ☐ Other B ☐

CONTRACTS, GRANTS AND COOPERATIVE AGREEMENTS

18-1. FOR STATE USE: 1890/T ☐ SP G ☐ GR R ☐ RD-V Hatch H ☐ M-S M ☐ State S ☐

18-3. DISP. OF EQUIP.: None purchased A ☐ Reverts to Gov't. B ☐ Retained C ☐

18-4. CONTR./GR./AGMT. NO.

18-5. FOR STATE USE: ARS A ☐ ERS B ☐ FCS C ☐ FS D ☐ SRS E ☐

19-1. FACE AMOUNT

19-2. TOTAL SYS.

20. FY

21. FACILITIES: A ☐ Federally owned B ☐ Federally leased C ☐ Combined D ☐ State E ☐ Other

22. - 23. REGIONAL PROJECT NO.

24. OBJECTIVES 25. APPROACH (Use space needed for "24. OBJECTIVES", then indicate "25. APPROACH".)

27. KEYWORDS

RECOMMENDED			APPROVED — Check applicable one — CONCURRED		
SIGNATURE	TITLE	DATE	SIGNATURE	TITLE	DATE

28. AWARD DATE (Day, Mo., Yr.) | 29. START DATE (Day, Mo., Yr.) | 30. TERMINATION (Day, Mo., Yr.) | DURATION (Mos.)

FOR USDA USE ☐ Project referred and cleared by all interested agencies for entry into CRIS. | SIGNATURE | DATE

FORM AD-416 (12/76)

xdf

U. S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH

U. S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION AND OTHER INSTITUTIONS

DATE (Day, Month, Year)

1. ACCESSION NO. | AGENCY IDENTIFICATION NO. 2 3 4 | 5. WORK UNIT/PROJECT NO. | 31. HATCH MARKETING ☐ Yes ☐ No ____ %

32. BASIC RESEARCH ____ % | 33. APPLIED RESEARCH ____ % | 34. DEVELOPMENT EFFORT ____ % | 35. FORESTRY ____ %

CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA

	ACTIVITY		COMMODITY		SCIENCE		RESEARCH PROBLEM AREA	PRODUCT OF (2) X (4) X (6)
	CODE (1)	% (2)	CODE (3)	% (4)	CODE (5)	% (6)	CODE (7)	% (8)
36.								
37.								
38.								
39.								
40.								
41.								
42.								
43.								
44.								
45.								
46.								
47.								

SPECIAL CLASSIFICATION

Fields 48 - 77 are used to identify special areas of research such as, Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (ARS) and Special Research Programs (ARS). Refer to your agency manual for specific codes and instructions.

CODE	%	CODE	%	CODE	%	CODE	%	CODE	%
48.		54.		60.		66.		72.	
49.		55.		61.		67.		73.	
50.		56.		62.		68.		74.	
51.		57.		63.		69.		75.	
52.		58.		64.		70.		76.	
53.		59.		65.		71.		77.	

78. COOPERATORS A ☐ USDA B ☐ Other Federal Agencies C ☐ Industry and other D ☐ State

COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION (List)

80.

81.

82.

83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION

AD FORM 417 DEC 1976

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER

U.S. DEPARTMENT OF AGRICULTURE USE ONLY

DATE (Day, mo., yr.)

1 ACCESSION NO.	AGENCY IDENTIFICATION NO. 2	3	4	5 WORK UNIT/PROJECT NO.	22-23 REGIONAL PROJECT NO.

7 TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION	FIELD NUMBER	
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS		
Regular, In House	(101)	
Regular, Contracts, Grants, Agreements with AES	(102)	
Regular, Contracts, Grants, Agreements with Others	(103)	
Special Funds (015) (ARS) In House	(104)	
Special Funds (010) (ARS) In House	(105)	
Forest Service Research Contracts	(106)	
Other USDA *(Identify)*:	(107)	
TOTAL	(131)	
OTHER FEDERAL RESEARCH FUNDS		
Energy Research and Development Administration	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health Education and Welfare (Other)	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Foreign Agricultural Research (PL 480)	(117)	
Other Federal Funds *(Identify)*:	(318)	
TOTAL	(332)	
NON-FEDERAL RESEARCH FUNDS		
Trust Funds, In House	(120)	
Trust Funds, Contracts, Grants, Agreements with AES	(121)	
Trust Funds, Contracts, Grants, Agreements with Others	(122)	
Other Non-Federal Funds *(Identify)*:	(123)	
TOTAL	(133)	
TOTAL ALL RESEARCH FUNDS AT LOCATION	(134)	

STAFF SUPPORT		STAFF EFFORT (years) ACTUAL	ESTIMATE
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)			
Scientists (GS-11 and above)	(141)		
Professional Support	(142)		
Technical Support	(143)		
Clerical, Labor and Other	(144)		
TOTAL STAFF YEARS	(350)		

SUBMITTED BY | TITLE

Form AD 418 (7/76)

UNITED STATES DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION – RESEARCH FUNDS AND MANPOWER

FOR STATE AND OTHER NON FEDERAL INSTITUTION USE

DATE (Day, Mo., Year)

1. ACCESSION NO.	AGENCY IDENTIFICATION NO. 2.	3.	4.	5. WORK UNIT/PROJECT NO.	22.-23. REGIONAL PROJECT NO.

7. TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION	FIELD NUMBER	FY ACTUAL $
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED		
Hatch Funds	(201)	
Regional Research Funds	(202)	
McIntire Stennis Funds	(203)	
Special Grants for Research (PL 89-106)	(204)	
Other Funds *(Identify)*	(205)	
TOTAL	(231)	
OTHER FEDERAL RESEARCH FUNDS		
USDA Contracts Grants Co-op Agreements *(Identify Agency)*	(219)	
National Science Foundation	(209)	
Energy Research and Development Administration	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health, Education and Welfare	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Other *(Identify)*	(318)	
TOTAL	(332)	
NON-FEDERAL RESEARCH FUNDS		
State Appropriations	(220)	
Sale of Products	(221)	
Industry Grants and Agreements	(222)	
Other Non-Federal Funds	(223)	
TOTAL	(233)	
TOTAL ALL RESEARCH FUNDS AT LOCATION	(234)	

STAFF SUPPORT		STAFF EFFORT (years) ACTUAL	ESTIMATED
NON-FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)		FY	FY + 1
Scientists (Asst. Prof. and above)	(241)		
Professional Support	(242)		
Technical Support	(243)		
Clerical, Labor and Other	(244)		
TOTAL STAFF YEARS	(350)		

SUBMITTED BY (Signature) | TITLE

Form AD 419 (6/76)

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

Commodity, Resource or Technology not Associated with Specific Commodities

Commodities or Resources

0100	Soil and land
0200	Water
0300	Watersheds and river basins
0400	Air and climate
0500	Recreation resources
0600	Trees, forests, and forest products (excluding edible tree nut crops (See 1015), and tung (See 2560))
0700	Range
0800	Fish, shellfish, game and fur-bearing animals and other wildlife and their habitats
0900	Citrus and subtropical fruit
1000	Deciduous and small fruits and edible tree nuts
1100	Potatoes
1200	Vegetables
1300	Ornamentals and turf
1400	Corn (includes Popcorn) - (For Sweetcorn see 1280)
1500	Grain sorghum
1600	Rice
1700	Wheat
1800	Other small grains
1900	Pasture
2000	Forage crops
2100	Cotton (including cottonseed for planting purposes)
2200	Cottonseed (for meal, oil, etc.)
2300	Soybeans
2400	Peanuts
2500	Other oilseed and oil crops (excluding cottonseed)
2600	Tobacco
2700	Sugar crops
2800	Miscellaneous and new crops
2900	Poultry
3000	Beef cattle
3100	Dairy cattle
3200	Swine
3300	Sheep and wool
3400	Other animals (See 0850 for fur-bearing animals)
3500	Bees and honey and other pollinating insects
3600	General purpose supplies - includes: machinery, equipment, fertilizers, feedstuffs, and pesticides
3700	Clothing and textiles
3800	Food (not readily associated with specific plants and animal products)
3900	Structures and facilities

Commodities or Resources

4000	People as individual workers, consumers and members of society
4100	The family and its members
4200	The farm as a business enterprise
4300	Communities, areas and regions, including counties and States and their institutions
4400	Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
4500	Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
4600	Farmer cooperatives
4700	Marketing, processing and supply firms other than cooperatives
4800	Marketing systems and sectors thereof
6100	Weeds
6200	Seed research
6300	Biological cell systems
6400	Experimental design and statistical methods
6500	Invertebrates (including insects, mites, ticks, snails, slugs, and leaches)
6600	Microorganisms, viruses, etc.
6700	Plants
6800	Animals (vertebrates)
6900	Research on research management (not research management *per se*)
7000	Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

101 Appraisal of Soil Resources
102 Soil, Plant, Water, Nutrient Relationships
103 Management of Saline and Sodic Soils and Salinity
104 Alternative Uses of Land
105 Conservation and Efficient Use of Water

106 Efficient Drainage and Irrigation Systems and Facilities
107 Watershed Protection and Management
108 Economic and Legal Problems in Management of Water and Watersheds
109 Adaptation to Weather and Weather Modification
110 Appraisal of Forest and Range Resources

111 Biology, Culture and Management of Forests and Timber-Related Crops
112 Improvement of Range Resources
113 Remote Sensing
114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

201 Control of Insects Affecting Forests
202 Control of Diseases, Parasites and Nematodes Affecting Forests
203 Prevention and Control of Forest and Range Fires
204 Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetable Crops
205 Control of Diseases and Nematodes of Fruit and Vegetable Crops

206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
207 Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range
208 Control of Diseases and Nematodes of Field Crops and Range
209 Control of Weeds and Other Hazards of Field Crops and Range
210 Control of Insects and External Parasites Affecting Livestock, Poultry, and Other Animals

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS (Continued)

211 Control of Diseases of Livestock, Poultry and Other Animals
212 Control of Internal Parasites of Livestock, Poultry, and Other Animals
213 Protect Livestock, Poultry and Other Animals from Toxic Chemicals, Poisonous Plants, and Other Hazards
214 Protection of Plants, Animals, and Man from Harmful Effects of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST PRODUCTS AT DECREASING REAL PRODUCTION COSTS

301 Genetics and Breeding of Forest Trees
302 New and Improved Forest Engineering Systems
303 Economics of Timber Production
304 Improvement of Biological Efficiency of Fruit and Vegetable Crops
305 Mechanization of Fruit and Vegetable Crop Production

306 Production of Fruit and Vegetable Crop Production
307 Improvement of Biological Efficiency of Field Crops
308 Mechanization of Production of Field Crops
309 Production Management Systems for Field Crops
310 Reproductive Performance of Livestock, Poultry and Other Animals

311 Improvement of Biological Efficiency in Production of Livestock, Poultry and Other Animals
312 Environmental Stress in Production of Livestock, Poultry and Other Animals
313 Production Management Systems for Livestock, Poultry and Other Animals
314 Bees and Other Pollinating Insects
315 Improvement of Structures, Facilities and General Purpose Farm Supplies and Equipment

316 Farm Business Management
317 Mechanization and Structures Used in Production of Livestock, Poultry and Other Animals
318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES AND ENHANCING PRODUCT QUALITY

401 New and Improved Forest Products
402 Production of Fruit and Vegetable Crops with Improved Acceptability
403 New and Improved Fruit and Vegetable Products and Byproducts
404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
405 Production of Field Crops with Improved Acceptability

406 New and Improved Food Products from Field Crops
407 New and Improved Feed, Textile, and Industrial Products from Field Crops
408 Quality Maintenance in Storing and Marketing Field Crops
409 Production of Animal Products with Improved Acceptability
410 New and Improved Meat, Milk, Eggs, and Other Animal Food Products

411 New and Improved Non-Food Animal Products
412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

501 Improvement of Grades and Standard - Crop and Animal Products
502 Development of Markets and Efficient Marketing of Timber and Related Products
503 Efficiency in Marketing Agricultural Products and Production Inputs *

506 Supply, Demand and Price Analysis - Crop and Animal Products
507 Competitive Interrelationships in Agriculture
508 Development of Domestic Markets for Farm Products
509 Performamce of Marketing Systems
510 Group Action and Market Power

511 Improvement in Agricultural Statistics
512 Improvement of Grades and Standard of Forest Products
513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

601 Foreign Market Development
602 Evaluation of Foreign Food Aid Programs
603 Technical Assistance to Developing Countries
604 Product Development and Marketing for Foreign Markets

* This RPA incorporates research formerly included under RPAs 503, 504 and 505.

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

701 Insure Food Products Free of Toxic Residues from Agricultural Sources
702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
703 Food Choices, Habits, and Consumption
704 Home and Commercial Food Service
705 Selection and Care of Clothing and Household Textiles

706 Control of Insect Pests of Man and His Belongings
707 Prevent Transmission of Animal Diseases and Parasites to Man
708 Human Nutrition
709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

801 Housing
802 Individual and Family Decision Making and Resource Use and Family Functioning
803 Causes of Poverty Among Rural Poeple
804 Improvement of Economic Potential of Rural People
805 Communication and Education Processes

806 Individual and Family Adjustment to Change
807 Structural Changes in Agriculture
808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND PUBLIC SERVICES

901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
902 Outdoor Recreation
903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
905 Trees to Enhance Rural and Urban Environment

906 Culture and Protection of Ornamentals and Turf
907 Improved Income Opportunities in Rural Communities
908 Improvement of Rural Community Institutions and Services

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1437	540.7	23,744,075	54,245,789	*	*
0200 WATER	969	345.2	16,798,748	33,324,242	*	*
0300 WATERSHEDS RIVER BAS	248	201.6	18,065,812	24,156,001	*	*
0400 AIR AND CLIMATE	168	59.1	2,004,017	5,160,118	*	*
0500 RECREATION RESOURCES	216	83.1	6,648,930	10,503,468	*	*
0600 TIMBER FORST PRODUCT	1541	1196.5	86,182,126	120,786,786	*	*
0700 RANGE	379	150.6	11,788,219	16,714,586	*	*
0800 WILDLIFE AND FISH	689	259.5	8,597,597	26,907,999	*	*
0900 CITRUS SUB TROP FRUT	388	223.1	10,284,696	21,368,816	*	*
1000 FRUIT NUTS DECIDUOUS	1212	480.8	18,443,960	44,821,163	*	*
1100 POTATOES	352	135.8	5,578,975	12,104,117	*	*
1200 VEGETABLES	1586	570.7	20,756,410	50,022,423	*	*
1300 ORNAMENTALS TURF	668	257.9	7,346,004	22,189,177	*	*
1400 CORN	1034	306.7	15,219,520	29,203,791	*	*
1500 GRAIN SORGHUM	406	81.3	2,807,771	6,774,860	*	*
1600 RICE	178	64.4	2,553,434	5,728,151	*	*
1700 WHEAT	789	258.1	12,645,404	22,795,512	*	*
1800 OTHER SMALL GRAINS	504	116.3	4,582,506	10,586,068	*	*
1900 PASTURE	206	47.0	1,570,462	5,013,783	*	*
2000 FORAGE CROPS	1072	348.4	15,623,752	33,844,264	*	*
2100 COTTON	609	378.4	25,932,231	35,894,446	*	*
2200 COTTONSEED	61	33.8	2,486,058	2,689,904	*	*
2300 SOYBEANS	1008	331.7	16,675,144	32,832,335	*	*
2400 PEANUTS	232	89.2	4,103,154	7,869,655	*	*
2500 OTHER OILSEED CROPS	130	39.4	2,078,924	3,865,994	*	*
2600 TOBACCO	223	106.3	6,608,316	10,859,649	*	*
2700 SUGAR CROPS	244	115.6	7,058,891	11,166,593	*	*
2800 MISC NEW CROPS	158	63.6	3,271,860	6,166,813	*	*
2900 POULTRY	857	354.8	18,292,322	37,918,447	*	*
3000 BEEF CATTLE	1461	629.3	39,345,382	85,463,502	*	*
3100 DAIRY CATTLE	1198	418.4	23,938,756	54,877,516	*	*
3200 SWINE	687	244.3	16,429,020	33,308,175	*	*
3300 SHEEP AND WOOL	439	138.9	10,293,341	17,388,407	*	*
3400 OTHER ANIMALS	436	108.8	4,234,010	11,420,364	*	*
3500 BEES AND HONEY	73	51.8	2,857,238	3,803,918	*	*
3600 FARM SUPP & FACILITS	121	59.8	3,363,251	5,189,358	*	*
3700 CLOTHING & TEXTILES	75	21.2	619,997	1,391,630	*	*
3800 FOOD	633	316.4	24,242,064	34,652,005	*	*
3900 HOUSING & EQUIP	295	88.5	3,787,234	9,260,772	*	*
4000 PEOPLE AS INDIVIDUAL	841	281.8	13,775,429	24,593,903	*	*
4100 FAMILY MEMBERS	264	80.3	3,255,330	6,152,025	*	*
4200 FARM AS BUSINESS	218	86.2	2,511,182	5,766,308	*	*
4300 SOC POLIT ORGANIZ	460	156.5	5,109,411	11,198,281	*	*
4400 AGRIC ECONOMY U S	128	66.9	3,240,981	4,919,139	*	*
4500 AGRIC ECONOMY FORGN	54	79.0	4,243,221	4,917,738	*	*
4600 FARM COOPERATIVES	84	28.4	1,551,371	1,978,978	*	*
4700 OTH MARKET PROCESS	47	9.9	262,740	669,018	*	*
4800 MARKETING SYSTEMS	120	59.0	2,403,086	3,779,913	*	*
6100 WEEDS	95	28.8	1,852,645	2,763,935	*	*
6200 SEED RESEARCH	40	18.5	877,444	1,653,325	*	*
6300 BIO CELL SYSTEMS	292	92.7	4,817,791	11,751,313	*	*
6400 EXP DESIGN/STAT METH	74	33.1	396,302	2,576,804	*	*
6500 INVERTEBRATES	334	218.4	11,311,849	19,992,175	*	*
6600 MICROORGANISMS,VIRUS	312	107.6	4,949,384	12,244,439	*	*
6700 PLANTS	913	393.9	24,647,476	40,290,500	*	*
6800 ANIMALS(VERTEBRATES)	385	148.3	5,043,382	15,191,436	*	*
6900 RESEARCH ON RSCH MGM	23	8.9	96,269	815,217	*	*
7000 RSCH EQUIP & TECHNOL	123	31.5	815,648	3,267,802	*	*
9900 UNCLASSIFIED	67	144.0	1,532,904	20,277,033	*	*
TOTAL	27856	11390.6	599,553,459	1,157,069,878	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	218	77.3	1,057,025	7,307,327	*	*
102 SOIL PLNT WTR NUTRI	695	246.7	11,147,181	24,231,714	*	*
103 MGMT OF SALINE SOIL	75	34.2	1,886,623	3,366,151	*	*
104 ALTERN USE OF LAND	201	84.1	4,578,476	8,216,100	*	*
105 CONSERV USE OF WATE	338	111.3	6,133,352	11,145,232	*	*
106 DRAIN AND IRRIGATIO	167	66.7	3,629,535	6,458,112	*	*
107 WATERSHED PROT & MG	294	235.7	20,842,641	29,606,276	*	*
108 ECON LEG PROB OF WA	46	24.8	1,239,263	2,141,750	*	*
109 WEATHER ADAPT & MOD	139	40.3	1,249,144	3,748,407	*	*
110 APPRAIS FORST & RAN	143	89.9	11,036,327	12,738,437	*	*
111 BIOL CULT MGMT FORS	467	303.9	19,392,475	29,638,079	*	*
112 IMPROV RANGE RESOR	247	84.9	5,351,823	9,969,577	*	*
113 REMOTE SENSING	59	17.4	840,242	1,993,691	*	*
114 RSCH ON MGMT OF RSC	23	8.9	96,269	815,217	*	*
SUBTOTAL	3112	1426.1	88,480,376	151,376,068	*	*
SERIES 200						
201 CNTRL FCRST INSECTS	273	169.2	14,441,152	17,971,683	*	*
202 CONTROL FOREST DIS	165	104.0	7,681,377	10,123,144	*	*
203 FOREST FIRE PROTECT	31	69.8	7,490,416	8,084,439	*	*
204 CNTR PESTS FRT & VE	488	194.4	9,598,066	19,378,692	*	*
205 CNTR DISE FRT & VEG	811	280.1	9,824,874	25,093,011	*	*
206 CNTR WEEDS FRT & VE	200	53.1	1,620,160	4,735,629	*	*
207 CNTR PESTS FLD CROP	719	320.2	21,133,318	31,453,856	*	*
208 CNTR DIS FIELD CROP	908	342.2	17,666,270	31,240,870	*	*
209 CNTR WEEDS FLD CROP	402	139.2	7,152,222	14,519,175	*	*
210 CONTR PESTS ANIMALS	139	68.3	5,182,157	6,796,735	*	*
211 CONTR DIS ANIMALS	619	364.5	30,931,042	48,325,255	*	*
212 CNTR INTER PARASITE	120	66.0	5,255,328	7,527,026	*	*
213 PROT ANMLS FROM TOX	126	49.7	4,022,706	5,768,611	*	*
214 PROTECT FROM POLLUT	274	73.8	4,324,968	9,307,756	*	*
SUBTOTAL	5275	2294.4	146,324,056	240,325,881	*	*
SERIES 300						
301 GENET BREED FORST T	137	67.8	4,696,389	7,654,839	*	*
302 IMP FOREST ENG SYS	39	25.9	1,976,919	2,847,102	*	*
303 ECON TIMBER PRODUCT	54	29.6	1,094,970	2,251,020	*	*
304 IMP BIO EFF FRT & V	1121	402.0	11,099,447	38,439,364	*	*
305 MECH PROD FRT & VEG	179	56.9	1,776,684	4,933,629	*	*
306 PROD MGMT SYS F & V	90	21.8	346,796	1,807,271	*	*
307 IMP BIO EFF FLD CRP	1948	802.0	29,167,513	83,985,754	*	*
308 MECH PROD FIELD CRO	168	67.6	4,350,596	7,313,414	*	*
309 PROD MGMT SYS FLD C	259	63.1	1,980,853	6,239,528	*	*
310 ANIMAL REPRODUCTION	485	217.1	10,466,390	29,381,659	*	*
311 IMP BIO EFF ANML PR	1338	529.3	22,562,611	82,944,410	*	*
312 ENV STRESS IN ANML	197	64.1	2,586,811	6,924,864	*	*
313 PROD MGMT SYS ANML	293	73.7	2,432,674	10,602,498	*	*
314 BEES OTH POLLNTNG I	73	51.8	2,857,238	3,803,918	*	*
315 IMP STRUC FARM SUPP	151	46.8	1,347,837	5,331,616	*	*
316 FARM BUSINESS MGMT	160	54.0	1,090,304	3,511,286	*	*
317 MECH/STRUCTS ANML P	89	19.0	709,436	2,284,672	*	*
318 NON-COM BIO TECH/BI	1358	645.7	32,976,507	67,260,219	*	*
SUBTOTAL	8139	3238.3	133,519,976	367,517,063	*	*
SERIES 400						
401 NEW IMP FOREST PROD	209	218.3	13,328,823	19,166,336	*	*
402 PROD F & V IMP ACCE	294	60.9	2,155,369	6,185,199	*	*
403 NEW & IMP F&V PROD	239	150.0	7,611,758	12,863,793	*	*
404 MKT QUAL FRTS & VEG	285	114.5	6,726,971	10,686,071	*	*
405 PROD FLD CROP IMP A	380	145.4	8,804,748	13,020,026	*	*
406 NEW IMP FOOD FLD CR	204	148.9	9,578,105	12,112,599	*	*
407 NEW IMP NON-FOOD FC	108	116.6	8,176,478	9,207,749	*	*
408 MKT QUAL FIELD CROP	144	71.5	4,859,717	6,120,908	*	*
409 PROD ANML PR IMP AC	176	50.0	3,712,069	7,122,266	*	*
410 IMP MEAT MILK EGG P	293	147.2	6,967,311	13,306,202	*	*
411 IMP NON-FOOD ANML P	36	47.1	3,500,040	3,671,022	*	*
412 MKT QUAL ANIMAL PRC	145	39.9	1,943,819	3,800,794	*	*
SUBTOTAL	2513	1310.2	77,365,208	117,262,965	*	*
SERIES 500						
501 IMP GRADES & STANDS	88	43.9	2,908,858	4,079,095	*	*
502 MKTG TIMBER PRODUCT	34	46.5	3,179,254	3,822,091	*	*
503 MKTG EFF AGRI PRODS	325	118.9	6,208,082	8,702,552	*	*
506 SPLY DEMAND AND PRI	212	127.9	6,942,505	8,732,339	*	*
507 COMP REL IN AGRIC	69	21.6	896,024	1,345,807	*	*
508 DOMESTIC MKT DEVELP	54	19.9	889,026	1,274,468	*	*
509 PERFORMANCE MKTG SY	214	116.7	5,906,743	7,843,527	*	*
510 GROUP ACT MKT POWER	74	27.0	1,458,902	1,849,039	*	*
511 IMP AGRIC STATISTIC	33	15.6	275,272	1,183,773	*	*
512 IMP GRADES FRST PRO	17	13.4	674,959	978,695	*	*
513 PRICE ANAL FRST PRO	27	15.7	677,861	1,004,531	*	*
SUBTOTAL	1147	567.1	30,017,484	40,815,918	*	*
SERIES 600						
601 FGN MKT DEVELP	79	80.6	4,546,699	5,295,940	*	*
602 EVAL FGN FOOD AID P	3	0.3	4,472	16,667	*	*
603 TECH AID DEV CRTY	71	36.2	890,221	1,760,755	*	*
604 PRD DVLPMT/MKTG PRG	32	22.7	1,869,176	1,940,265	*	*
SUBTOTAL	185	139.7	7,310,568	9,013,627	*	*
SERIES 700						
701 TOX RES IN FOOD	211	103.9	7,333,129	10,179,884	*	*
702 FOOD PROT FROM TOX	271	137.1	8,266,293	12,862,028	*	*
703 FOOD CONSUMP HABITS	218	106.5	9,055,111	10,027,758	*	*
704 HOME COMM FOOD SERV	54	18.2	585,377	1,542,886	*	*
705 SEL CARE CLOTH & TE	70	20.4	599,463	1,324,067	*	*
706 CONTR INSECTS AFF M	145	75.8	3,974,636	7,039,955	*	*
707 TRANS ANIML MAN DI	32	8.7	99,607	827,365	*	*
708 HUMAN NUTRITION	494	216.1	17,391,010	26,104,278	*	*
709 REDUCE HAZ HLTH & S	120	73.9	6,292,466	6,052,682	*	*
SUBTOTAL	1615	760.6	53,597,093	75,960,902	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 800						
801 RURAL HOUSING	81	30.4	1,710,137	2,631,149	*	*
802 INDIV & FAM DEC MAK	195	53.5	1,433,685	3,716,811	*	*
803 RURAL POVERTY	42	7.9	447,268	641,076	*	*
804 ECON POTENT RURL PE	117	37.1	1,598,432	2,747,130	*	*
805 COMMUNICAT RURAL PE	135	32.3	374,769	2,962,067	*	*
806 ADJUSTMENT TO CHANG	181	60.0	3,004,805	4,305,716	*	*
807 AGRIC ECONOMIC CHAN	156	80.8	3,859,571	5,797,618	*	*
808 GOV'T PROGRAMS	56	30.4	1,544,407	1,875,737	*	*
SUBTOTAL	963	332.4	13,973,074	24,677,306	*	*
SERIES 900						
901 ALLEV POLLUTION	816	406.2	19,291,369	38,437,743	*	*
902 OUTDOOR RECREATION	187	68.9	3,764,742	7,123,259	*	*
903 MULTI-USE-FOREST PO	85	36.7	2,506,017	4,201,421	*	*
904 WLDLFE AND FISH ECO	587	228.6	7,507,071	23,433,752	*	*
905 TREES BEAUTIFICATIO	123	48.0	3,073,244	5,537,933	*	*
906 ORNAMENT & TURF DEV	640	239.1	6,413,605	20,478,834	*	*
907 RURAL INCOME IMP	179	49.7	1,970,053	3,691,755	*	*
908 RURAL INSTITUT IMP	297	100.6	2,906,620	6,938,419	*	*
990 UNCLASSIFIED	67	144.0	1,532,904	20,277,033	*	*
SUBTOTAL	2981	1321.8	48,965,624	130,120,149	*	*
SCIENCE IN SERV OF MAN GRAND TOTAL	25930	11390.6	599,553,459	1,157,069,878	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1372	521.1	23,589,920	52,388,236	*	*
0200 WATER	941	331.9	16,752,107	32,353,183	*	*
0300 WATERSHEDS RIVER BAS	229	196.6	18,034,779	23,792,449	*	*
0400 AIR AND CLIMATE	166	58.8	1,985,707	5,066,107	*	*
0500 RECREATION RESOURCES	181	73.8	6,484,047	9,496,337	*	*
0600 TIMBER FORST PRODUCT	1158	1075.0	84,584,102	110,061,696	*	*
0700 RANGE	363	147.9	11,769,775	16,534,703	*	*
0800 WILDLIFE AND FISH	594	229.3	8,406,199	24,064,036	*	*
0900 CITRUS SUB TROP FRUT	386	223.1	10,284,696	21,366,825	*	*
1000 FRUIT NUTS DECIDUOUS	1205	478.4	18,443,960	44,650,100	*	*
1100 POTATOES	352	135.8	5,578,975	12,104,117	*	*
1200 VEGETABLES	1556	561.3	20,756,410	49,323,692	*	*
1300 ORNAMENTALS TURF	662	257.1	7,342,403	22,113,478	*	*
1400 CORN	1029	306.3	15,219,520	29,142,019	*	*
1500 GRAIN SORGHUM	405	80.6	2,807,771	6,760,588	*	*
1600 RICE	177	64.4	2,553,434	5,725,726	*	*
1700 WHEAT	785	256.8	12,645,404	22,739,831	*	*
1800 OTHER SMALL GRAINS	490	110.2	4,582,506	9,957,296	*	*
1900 PASTURE	205	46.7	1,570,462	4,998,591	*	*
2000 FORAGE CROPS	1064	347.5	15,623,752	33,711,562	*	*
2100 COTTON	604	373.5	25,932,231	35,696,167	*	*
2200 COTTONSEED	61	33.8	2,486,058	2,689,904	*	*
2300 SOYBEANS	977	322.7	16,675,144	31,594,983	*	*
2400 PEANUTS	225	82.6	4,103,154	7,676,956	*	*
2500 OTHER OILSEED CROPS	129	39.4	2,078,924	3,855,794	*	*
2600 TOBACCO	222	106.1	6,608,316	10,847,022	*	*
2700 SUGAR CROPS	244	115.6	7,058,891	11,166,593	*	*
2800 MISC NEW CROPS	157	63.4	3,271,860	6,158,738	*	*
2900 POULTRY	835	350.1	18,292,322	37,425,163	*	*
3000 BEEF CATTLE	1432	621.6	39,345,382	84,763,514	*	*
3100 DAIRY CATTLE	1184	416.6	23,938,756	54,461,315	*	*
3200 SWINE	661	239.0	16,429,020	32,742,633	*	*
3300 SHEEP AND WOOL	432	138.2	10,293,381	17,329,558	*	*
3400 OTHER ANIMALS	422	105.2	4,234,010	11,082,029	*	*
3500 BEES AND HONEY	73	51.8	2,857,238	3,803,918	*	*
3600 FARM SUPP & FACILITS	115	55.8	3,363,251	4,859,455	*	*
3700 CLOTHING & TEXTILES	72	19.5	619,997	1,286,757	*	*
3800 FOOD	588	304.0	24,242,064	33,689,272	*	*
3900 HOUSING & EQUIP	284	86.2	3,787,234	9,017,431	*	*
4000 PEOPLE AS INDIVIDUAL	737	251.9	13,762,094	22,166,838	*	*
4100 FAMILY MEMBERS	222	75.7	3,255,330	5,321,095	*	*
4200 FARM AS BUSINESS	209	84.6	2,511,182	5,580,603	*	*
4300 SOC POLIT ORGANIZ	438	153.3	5,109,411	10,839,061	*	*
4400 AGRIC ECONOMY U S	126	66.5	3,240,981	4,870,712	*	*
4500 AGRIC ECONOMY FORGN	53	79.0	4,243,221	4,917,635	*	*
4600 FARM COOPERATIVES	81	27.5	1,551,371	1,848,618	*	*
4700 OTH MARKET PROCESS	47	9.9	262,740	669,018	*	*
4800 MARKETING SYSTEMS	117	58.0	2,401,550	3,695,867	*	*
6100 WEEDS	90	28.1	1,852,645	2,719,579	*	*
6200 SEED RESEARCH	40	18.5	877,444	1,653,325	*	*
6300 BIO CELL SYSTEMS	290	92.3	4,817,791	11,704,124	*	*
6400 EXP DESIGN/STAT METH	68	32.5	391,948	2,520,222	*	*
6500 INVERTEBRATES	331	217.4	11,311,849	19,935,671	*	*
6600 MICROORGANISMS,VIRUS	309	107.3	4,949,384	12,222,062	*	*
6700 PLANTS	899	390.5	24,646,388	39,993,472	*	*
6800 ANIMALS(VERTEBRATES)	382	147.7	5,043,382	15,144,335	*	*
6900 RESEARCH ON RSCH MGM	23	8.9	96,269	815,217	*	*
7000 RSCH EQUIP & TECHNOL	117	31.0	803,713	3,234,856	*	*
9900 UNCLASSIFIED	56	120.3	1,521,688	18,669,506	*	*
TOTAL	26672	11028.5	597,283,505	1,125,019,590	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	204	72.6	1,035,972	6,691,324	*	*
102 SOIL PLNT WTR NUTRI	661	238.2	11,053,661	23,449,933	*	*
103 MGMT OF SALINE SOIL	74	34.0	1,886,623	3,362,929	*	*
104 ALTERN USE OF LAND	191	82.3	4,504,174	8,084,724	*	*
105 CONSERV USE OF WATE	334	108.5	6,133,352	10,708,320	*	*
106 DRAIN AND IRRIGATIO	167	66.7	3,629,535	6,458,112	*	*
107 WATERSHED PROT & MG	275	226.6	20,805,935	28,583,610	*	*
108 ECON LEG PROB OF WA	45	24.8	1,239,263	2,141,694	*	*
109 WEATHER ADAPT & MOD	136	39.5	1,230,834	3,666,595	*	*
110 APPRAIS FORST & RAN	112	85.5	10,933,106	12,427,745	*	*
111 BIOL CULT MGMT FORS	321	268.4	18,708,221	25,729,251	*	*
112 IMPROV RANGE RESOR	235	83.0	5,345,984	9,841,337	*	*
113 REMOTE SENSING	49	16.6	805,197	1,902,108	*	*
114 RSCH ON MGMT OF RSC	23	8.9	96,269	815,217	*	*
SUBTOTAL	2827	1355.4	87,408,126	143,862,897	*	*
SERIES 200						
201 CNTRL FORST INSECTS	227	156.7	14,325,416	17,156,079	*	*
202 CONTROL FOREST DIS	137	99.5	7,549,353	9,773,859	*	*
203 FOREST FIRE PROTECT	25	69.0	7,490,816	8,010,742	*	*
204 CNTR PESTS FRT & VE	485	192.2	9,598,066	19,289,649	*	*
205 CNTR DISE FRT & VEG	805	278.7	9,824,874	25,023,342	*	*
206 CNTR WEEDS FRT & VE	190	51.6	1,620,160	4,640,240	*	*
207 CNTR PESTS FLD CROP	708	319.1	21,133,318	31,150,802	*	*
208 CNTR DIS FIELD CROP	899	336.4	17,666,270	30,858,271	*	*
209 CNTR WEEDS FLD CROP	400	138.6	7,152,222	14,492,228	*	*
210 CONTR PESTS ANIMALS	139	68.3	5,182,157	6,796,735	*	*
211 CONTR DIS ANIMALS	607	363.1	30,931,042	48,175,009	*	*
212 CNTR INTER PARASITE	118	66.0	5,255,328	7,526,368	*	*
213 PROT ANMLS FROM TOX	125	49.7	4,022,706	5,768,522	*	*
214 PROTECT FROM POLLUT	258	71.2	4,320,375	8,988,925	*	*
SUBTOTAL	5123	2260.2	146,071,704	237,650,770	*	*
SERIES 300						
301 GENET BREED FORST T	102	60.8	4,571,651	6,996,372	*	*
302 IMP FOREST ENG SYS	24	21.3	1,910,055	2,487,797	*	*
303 ECON TIMBER PRODUCT	35	25.6	1,065,443	1,950,872	*	*
304 IMP BIO EFF FRT & V	1096	396.1	11,099,447	37,903,939	*	*
305 MECH PROD FRT & VEG	179	56.9	1,776,684	4,933,629	*	*
306 PROD MGMT SYS F & V	89	21.8	346,796	1,806,666	*	*
307 IMP BIO EFF FLD CRP	1909	787.6	29,167,513	82,550,481	*	*
308 MECH PROD FIELD CRO	168	67.6	4,350,596	7,313,414	*	*
309 PROD MGMT SYS FLD C	258	62.9	1,980,853	6,210,680	*	*
310 ANIMAL REPRODUCTION	470	213.5	10,466,390	28,990,303	*	*
311 IMP BIO EFF ANML PR	1305	520.4	22,562,611	81,900,507	*	*
312 ENV STRESS IN ANML	193	63.4	2,586,811	6,895,307	*	*
313 PROD MGMT SYS ANML	286	71.3	2,432,674	10,375,293	*	*
314 BEES OTH POLLNTNG I	73	51.8	2,857,238	3,803,918	*	*
315 IMP STRUC FARM SUPP	145	42.7	1,347,837	5,001,714	*	*
316 FARM BUSINESS MGMT	156	53.5	1,090,304	3,468,318	*	*
317 MECH/STRUCTS ANML P	89	19.0	709,436	2,284,672	*	*
318 NON-COM BIO TECH/BI	1337	642.8	32,971,065	67,009,204	*	*
SUBTOTAL	7914	3178.9	133,293,405	361,883,085	*	*
SERIES 400						
401 NEW IMP FOREST PROD	141	186.0	13,122,731	16,994,575	*	*
402 PROD F & V IMP ACCE	291	60.4	2,155,369	6,096,088	*	*
403 NEW & IMP F&V PROD	239	150.0	7,611,758	12,863,793	*	*
404 MKT QUAL FRTS & VEG	285	118.5	6,726,971	10,686,071	*	*
405 PROD FLD CROP IMP A	373	142.7	8,804,748	12,862,517	*	*
406 NEW IMP FOOD FLD CR	197	146.1	9,578,105	11,950,284	*	*
407 NEW IMP NON-FOOD FC	108	116.6	8,176,478	9,207,749	*	*
408 MKT QUAL FIELD CROP	144	71.5	4,859,717	6,120,908	*	*
409 PROD ANML PR IMP AC	167	47.3	3,712,069	6,892,613	*	*
410 IMP MEAT MILK EGG P	292	147.2	6,967,311	13,282,837	*	*
411 IMP NON-FOOD ANML P	36	47.1	3,500,040	3,671,022	*	*
412 MKT QUAL ANIMAL PRO	141	39.1	1,941,254	3,747,741	*	*
SUBTOTAL	2414	1268.5	77,156,551	114,376,198	*	*
SERIES 500						
501 IMP GRADES & STANDS	88	43.9	2,908,858	4,079,095	*	*
502 MKTG TIMBER PRODUCT	30	45.4	3,177,120	3,700,297	*	*
503 MKTG EFF AGRI PRODS	321	117.7	6,208,082	8,594,516	*	*
506 SPLY DEMAND AND PRI	211	127.9	6,942,505	8,731,531	*	*
507 COMP REL IN AGRIC	69	21.6	896,024	1,345,807	*	*
508 DOMESTIC MKT DEVELP	54	19.9	889,026	1,274,468	*	*
509 PERFORMANCE MKTG SY	212	116.5	5,905,207	7,837,638	*	*
510 GROUP ACT MKT POWER	71	26.1	1,458,902	1,718,679	*	*
511 IMP AGRIC STATISTIC	32	15.4	275,272	1,168,099	*	*
512 IMP GRADES FRST PRO	12	11.6	674,959	862,410	*	*
513 PRICE ANAL FRST PRO	19	13.4	639,442	812,755	*	*
SUBTOTAL	1119	559.5	29,975,396	40,125,296	*	*
SERIES 600						
601 FGN MKT DEVELP	79	80.6	4,546,699	5,295,940	*	*
602 EVAL FGN FOOD AID P	3	0.3	4,472	16,667	*	*
603 TECH AID DEV CRTY	67	35.9	878,544	1,737,157	*	*
604 PRD DVLPMT/MKTG FRG	32	22.7	1,869,176	1,940,265	*	*
SUBTOTAL	181	139.3	7,298,890	8,990,029	*	*
SERIES 700						
701 TOX RES IN FOOD	207	103.2	7,333,129	10,099,833	*	*
702 FOOD PROT FROM TOX	268	136.4	8,266,293	12,773,733	*	*
703 FOOD CONSUMP HABITS	174	93.0	9,055,111	9,296,605	*	*
704 HOME COMM FOOD SERV	51	18.0	585,377	1,536,695	*	*
705 SEL CARE CLOTH & TE	67	18.7	599,463	1,219,194	*	*
706 CONTR INSECTS AFF M	145	75.8	3,974,636	7,039,955	*	*
707 TRANS ANIML MAN DI	31	8.4	99,607	800,469	*	*
708 HUMAN NUTRITION	428	195.0	17,391,010	24,482,991	*	*
709 REDUCE HAZ HLTH & S	116	73.2	6,292,466	6,003,646	*	*
SUBTOTAL	1487	721.7	53,597,093	73,253,121	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 800						
801 RURAL HOUSING	77	29.4	1,710,137	2,525,144	*	*
802 INDIV & FAM DEC MAK	175	50.8	1,433,685	3,291,861	*	*
803 RURAL POVERTY	30	6.3	447,268	358,448	*	*
804 ECON POTENT RURL PE	95	32.5	1,598,432	2,337,521	*	*
805 COMMUNICAT RURAL PE	117	29.3	361,434	2,545,413	*	*
806 ADJUSTMENT TO CHANG	163	55.2	3,004,805	3,853,899	*	*
807 AGRIC ECONOMIC CHAN	149	79.4	3,859,571	5,606,455	*	*
808 GOV'T PROGRAMS	56	30.4	1,544,407	1,875,737	*	*
SUBTOTAL	862	313.3	13,959,739	22,394,478	*	*
SERIES 900						
901 ALLEV POLLUTION	776	388.7	19,249,388	37,197,740	*	*
902 OUTDOOR RECREATION	153	60.2	3,599,943	6,151,176	*	*
903 MULTI-USE-FOREST PO	70	32.2	2,422,338	3,931,145	*	*
904 WLDLFE AND FISH ECO	499	200.3	7,369,324	20,690,622	*	*
905 TREES BEAUTIFICATIO	116	44.9	3,069,683	5,170,004	*	*
906 ORNAMENT & TURF DEV	638	238.5	6,413,605	20,458,422	*	*
907 RURAL INCOME IMP	165	46.5	1,970,053	3,404,728	*	*
908 RURAL INSTITUT IMP	288	100.0	2,906,620	6,810,372	*	*
990 UNCLASSIFIED	56	120.3	1,521,688	18,669,506	*	*
SUBTOTAL	2761	1231.6	48,522,601	122,483,715	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL	24688	11028.5	597,283,505	1,125,019,590	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NATIONAL TOTAL USDA RESEARCH AGENCIES

	CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100	SOIL AND LAND	245	161.3	18,078,324	19,566,642	1.2	1,400,922
0200	WATER	239	144.4	14,280,314	15,715,584	2.2	651,771
0300	WATERSHEDS RIVER BAS	117	169.8	17,572,815	21,073,998	4.1	130,293
0400	AIR AND CLIMATE	23	17.8	1,342,045	1,491,994	0.5	14,615
0500	RECREATION RESOURCES	20	30.6	5,525,650	6,216,050	0.0	0
0600	TIMBER FORST PRODUCT	244	737.4	77,089,142	82,075,366	1.6	1,294,789
0700	RANGE	102	80.5	10,906,653	11,935,005	1.8	1,757,984
0800	WILDLIFE AND FISH	48	66.4	6,561,714	7,347,129	0.1	351,010
0900	CITRUS SUB TROP FRUT	103	92.3	9,241,290	9,654,910	0.4	58,193
1000	FRUIT NUTS DECIDUOUS	193	139.4	13,420,570	13,731,147	5.1	662,468
1100	POTATOES	64	48.3	4,121,571	4,201,148	1.6	98,958
1200	VEGETABLES	264	144.0	14,501,068	14,713,141	4.6	1,783,664
1300	ORNAMENTALS TURF	57	47.3	4,708,747	4,765,139	0.0	50,600
1400	CORN	215	122.6	11,248,864	11,434,005	0.8	640,789
1500	GRAIN SORGHUM	105	26.3	2,008,217	2,089,217	0.1	19,288
1600	RICE	68	26.2	2,247,550	2,331,966	0.1	73,293
1700	WHEAT	184	119.0	10,481,172	10,709,392	2.5	630,566
1800	OTHER SMALL GRAINS	109	33.7	3,287,572	3,356,189	0.1	418,270
1900	PASTURE	32	10.7	1,095,840	1,114,902	0.2	47,333
2000	FORAGE CROPS	183	102.8	10,778,032	11,023,709	5.3	848,052
2100	COTTON	241	259.2	23,891,252	24,081,578	3.7	258,196
2200	COTTONSEED	44	30.9	2,434,899	2,452,728	0.5	28,070
2300	SOYBEANS	196	130.6	12,583,430	12,649,811	11.1	1,367,648
2400	PEANUTS	82	42.7	3,675,344	3,768,787	0.9	375,903
2500	OTHER OILSEED CROPS	41	19.8	1,837,987	1,847,020	0.7	48,007
2600	TOBACCO	56	57.5	5,717,670	5,857,673	10.9	1,238,275
2700	SUGAR CROPS	71	56.3	6,053,239	6,153,595	0.3	56,979
2800	MISC NEW CROPS	45	36.4	2,872,479	3,308,958	2.0	134,096
2900	POULTRY	148	102.5	12,471,060	12,782,960	1.3	897,194
3000	BEEF CATTLE	273	242.5	29,434,934	29,818,153	12.0	1,911,170
3100	DAIRY CATTLE	202	112.2	16,021,691	16,338,287	5.9	1,168,820
3200	SWINE	161	87.5	12,744,427	13,253,309	7.9	1,614,954
3300	SHEEP AND WOOL	111	65.3	8,542,428	8,565,406	1.6	141,041
3400	OTHER ANIMALS	50	15.6	2,733,977	2,735,924	0.6	521,648
3500	BEES AND HONEY	28	36.7	2,617,911	2,617,996	2.8	39,439
3600	FARM SUPP & FACILITS	22	30.5	2,991,373	3,026,873	0.0	283,082
3700	CLOTHING & TEXTILES	7	5.8	278,314	278,314	1.0	11,799
3800	FOOD	124	174.0	21,054,365	22,078,241	3.1	1,202,217
3900	HOUSING & EQUIP	70	35.0	2,997,170	4,669,220	2.1	259,969
4000	PEOPLE AS INDIVIDUAL	109	82.6	10,746,529	11,005,203	1.3	2,730,521
4100	FAMILY MEMBERS	29	17.7	2,260,295	2,550,595	0.0	832,471
4200	FARM AS BUSINESS	11	18.6	1,380,149	1,380,149	0.0	234,503
4300	SOC POLIT ORGANIZ	39	27.4	2,128,434	2,567,794	0.0	534,122
4400	AGRIC ECONOMY U S	22	35.2	2,648,008	2,668,386	0.0	207,518
4500	AGRIC ECONOMY FORGN	24	67.5	4,163,964	4,253,685	0.0	0
4600	FARM COOPERATIVES	37	20.4	1,363,563	1,363,563	0.0	0
4700	OTH MARKET PROCESS	5	2.5	100,820	128,410	0.0	0
4800	MARKETING SYSTEMS	9	26.5	1,712,432	1,732,432	0.0	70,000
6100	WEEDS	39	16.3	1,648,316	1,667,139	0.7	67,047
6200	SEED RESEARCH	10	8.1	753,326	753,326	0.0	0
6300	BIO CELL SYSTEMS	73	11.2	4,019,656	4,019,656	0.4	155,542
6400	EXP DESIGN/STAT METH	3	7.1	205,817	205,817	0.0	3,000
6500	INVERTEBRATES	83	111.3	10,492,468	10,797,866	0.5	40,957
6600	MICROORGANISMS,VIRUS	75	25.2	4,113,509	4,162,606	3.8	316,782
6700	PLANTS	240	181.7	21,797,198	22,274,696	3.2	3,265,769
6800	ANIMALS(VERTEBRATES)	46	31.1	3,767,288	3,983,301	0.2	566,412
7000	RSCH EQUIP & TECHNOL	12	5.1	501,279	506,294	0.0	38,880
9900	UNCLASSIFIED	3	7.9	750,129	824,104	0.0	0
TOTAL		5456	4565.1	484,004,278	507,676,487	110.6	31,554,888

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	3	0.0	57,078	57,078	0.0	57,078
102 SOIL PLNT WTR NUTRI	132	81.3	8,654,529	9,388,218	1.1	682,227
103 MGMT OF SALINE SOIL	16	17.3	1,706,362	1,772,501	0.4	108,344
104 ALTERN USE OF LAND	17	29.4	3,622,669	3,685,669	0.0	78,519
105 CONSERV USE OF WATE	89	53.7	5,465,641	6,010,222	0.0	52,082
106 DRAIN AND IRRIGATIO	46	35.0	3,290,996	3,496,405	0.0	37,528
107 WATERSHED PROT & MG	137	192.4	20,127,432	23,984,755	5.0	335,544
108 ECON LEG PROB OF WA	5	9.3	1,030,800	1,137,400	0.0	0
109 WEATHER ADAPT & MOD	13	4.5	575,451	599,367	0.5	90,543
110 APPRAIS FORST & RAN	14	64.3	10,538,820	10,863,848	0.0	13,500
111 BIOL CULT MGMT FORS	63	184.6	16,629,963	18,636,330	0.0	98,433
112 IMPROV RANGE RESOR	65	39.8	4,842,855	5,628,571	1.5	187,385
113 REMOTE SENSING	7	5.8	664,219	669,145	0.0	19,758
SUBTOTAL	607	717.4	77,206,815	85,929,509	8.5	1,760,942
SERIES 200						
201 CNTRL FORST INSECTS	68	111.2	13,416,311	13,835,238	1.6	1,128,247
202 CONTROL FOREST DIS	26	65.9	6,775,450	7,059,290	0.0	0
203 FOREST FIRE PROTECT	16	68.5	7,481,350	7,926,055	0.0	0
204 CNTR PESTS FRT & VE	111	66.5	7,913,976	8,110,770	2.3	278,191
205 CNTR DISE FRT & VEG	140	64.1	7,158,668	7,199,590	3.9	437,147
206 CNTR WEEDS FRT & VE	28	8.1	911,027	926,310	0.3	108,459
207 CNTR PESTS FLD CROP	226	156.9	17,827,595	17,975,876	5.4	1,974,565
208 CNTR DIS FIELD CROP	232	134.4	13,845,114	13,927,619	3.7	765,871
209 CNTR WEEDS FLD CROP	110	55.4	5,671,712	5,733,007	1.8	282,021
210 CONTR PESTS ANIMALS	35	42.5	4,676,455	4,677,604	3.7	305,894
211 CONTR DIS ANIMALS	161	152.7	27,039,158	27,613,399	12.3	1,170,760
212 CNTR INTER PARASITE	28	34.2	4,621,666	4,666,530	0.7	234,212
213 PROT ANMLS FROM TOX	38	35.6	3,667,059	3,771,778	2.7	313,921
214 PROTECT FROM POLLUT	22	19.6	3,452,993	3,922,426	0.6	678,625
SUBTOTAL	1241	1015.6	124,458,533	127,345,492	39.1	7,677,912
SERIES 300						
301 GENET BREED FORST T	13	33.6	3,558,800	3,745,980	0.0	0
302 IMP FOREST ENG SYS	4	13.0	1,772,000	1,858,500	0.0	0
303 ECON TIMBER PRODUCT	5	13.2	844,381	869,381	0.0	49,581
304 IMP BIO EFF FRT & V	118	54.4	6,923,764	7,154,029	2.0	1,178,254
305 MECH PROD FRT & VEG	24	14.3	1,167,781	1,178,398	0.0	0
306 PROD MGMT SYS F & V	3	0.5	80,128	88,007	0.0	38,500
307 IMP BIO EFF FLD CRP	345	186.9	19,720,816	20,245,697	12.5	1,777,774
308 MECH PROD FIELD CRO	55	38.5	3,827,053	4,181,162	1.0	111,815
309 PROD MGMT SYS FLD C	25	7.6	915,088	918,747	0.7	171,671
310 ANIMAL REPRODUCTION	45	39.9	6,434,824	6,445,259	1.5	371,325
311 IMP BIO EFF ANML PR	105	63.5	11,294,286	11,333,277	0.8	1,364,122
312 ENV STRESS IN ANML	23	9.0	1,543,888	1,560,469	0.5	419,140
313 PROD MGMT SYS ANML	13	4.8	925,042	940,256	0.2	173,891
314 BEES OTH POLLNTNG I	28	36.7	2,617,911	2,617,996	2.8	39,439
315 IMP STRUC FARM SUPP	34	8.1	866,859	1,945,416	1.8	271,433
316 FARM BUSINESS MGMT	1	0.0	159,061	159,061	0.0	159,061
317 MECH/STRUCTS ANML P	19	5.0	462,743	1,055,292	2.0	112,986
318 NON-COM BIO TECH/BI	319	228.2	29,066,828	29,524,225	7.3	1,741,037
SUBTOTAL	1179	757.2	92,181,254	95,821,151	33.1	7,980,028
SERIES 400						
401 NEW IMP FOREST PROD	25	119.9	12,022,200	12,402,910	0.0	0
402 PROD F & V IMP ACCE	45	12.2	1,459,272	1,468,535	1.0	126,228
403 NEW & IMP F&V PROD	45	85.5	6,480,568	6,726,878	0.4	14,666
404 MKT QUAL FRTS & VEG	93	61.5	5,253,410	5,407,361	2.2	112,037
405 PROD FLD CROP IMP A	140	77.6	7,579,343	7,598,175	2.1	674,961
406 NEW IMP FOOD FLD CR	65	109.2	8,795,342	8,882,915	0.0	298,979
407 NEW IMP NON-FOOD FC	68	103.5	7,916,820	8,108,796	1.7	67,981
408 MKT QUAL FIELD CROP	62	51.3	4,516,162	4,600,561	1.2	192,032
409 PROD ANML PR IMP AC	16	6.4	2,118,022	2,123,401	0.0	860,097
410 IMP MEAT MILK EGG P	22	62.4	4,858,761	4,987,836	0.7	27,982
411 IMP NON-FOOD ANML P	17	46.2	3,449,082	3,496,642	3.4	154,188
412 MKT QUAL ANIMAL PRO	19	9.3	1,102,972	1,107,429	0.0	207,434
SUBTOTAL	617	744.9	65,551,953	66,911,439	12.6	2,736,583
SERIES 500						
501 IMP GRADES & STANDS	27	24.9	2,452,997	2,530,290	0.0	0
502 MKTG TIMBER PRODUCT	11	40.3	3,093,600	3,151,760	0.0	0
503 MKTG EFF AGRI PRODS	97	63.6	4,606,418	4,861,051	0.2	181,310
506 SPLY DEMAND AND PRI	46	87.2	5,540,609	5,626,636	0.0	165,700
507 COMP REL IN AGRIC	10	9.8	609,906	661,156	0.0	89,400
508 DOMESTIC MKT DEVELP	2	10.7	676,276	676,276	0.0	5,400
509 PERFORMANCE MKTG SY	47	63.8	4,571,921	4,703,882	0.0	101,600
510 GROUP ACT MKT POWER	36	19.9	1,354,334	1,354,334	0.0	15,000
511 IMP AGRIC STATISTIC	1	7.0	200,000	200,000	0.0	0
512 IMP GRADES FRST PRO	2	9.0	648,000	672,000	0.0	0
513 PRICE ANAL FRST PRO	3	9.8	548,800	549,160	0.0	0
SUBTOTAL	282	346.0	24,302,860	24,986,545	0.2	558,410
SERIES 600						
601 FGN MKT DEVELP	24	67.5	4,163,964	4,253,685	0.0	0
603 TECH AID DEV CRTY	19	18.0	873,611	1,062,442	1.8	242,070
604 PRD DVLPMT/MKTG PRG	24	22.1	1,857,255	1,888,463	0.0	0
SUBTOTAL	67	107.6	6,894,830	7,204,590	1.8	242,070
SERIES 700						
701 TOX RES IN FOOD	38	43.6	6,295,930	6,370,640	0.0	1,849,817
702 FOOD PRCT FROM TOX	76	79.4	7,037,979	7,059,404	1.7	485,237
703 FOOD CONSUMP HABITS	34	65.6	8,417,546	8,773,546	0.0	1,636,525
704 HOME COMM FOOD SERV	4	6.5	346,089	654,082	0.0	0
705 SEL CARE CLOTH & TE	7	5.8	278,314	278,314	1.0	11,799
706 CONTR INSECTS AFF M	32	34.1	3,497,675	3,687,654	0.3	22,842
707 TRANS ANIML MAN DI	2	1.6	52,843	104,611	0.0	0
708 HUMAN NUTRITION	119	101.9	15,595,421	15,996,914	1.3	1,077,754
709 REDUCE HAZ HLTH & S	67	70.1	6,088,270	6,138,045	8.8	1,017,315
SUBTOTAL	379	408.4	47,610,067	49,063,210	13.1	6,101,288

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTED (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 800						
801 RURAL HOUSING	27	15.5	1,454,002	1,943,937	0.3	278,359
802 INDIV & FAM DEC MAK	10	4.4	658,732	658,732	0.0	296,568
803 RURAL POVERTY	4	0.0	302,742	302,742	0.0	302,742
804 ECON POTENT RURL PE	9	9.2	991,824	1,140,424	0.0	493,824
805 COMMUNICAT RURAL PE	3	0.0	17,243	17,243	0.0	17,243
806 ADJUSTMENT TO CHANG	16	15.2	2,041,613	2,093,313	0.0	857,213
807 AGRIC ECONOMIC CHAN	25	44.8	3,209,944	3,224,944	0.0	251,660
808 GOV'T PROGRAMS	21	23.7	1,434,952	1,440,330	0.0	46,300
SUBTOTAL	115	112.8	10,111,052	10,821,665	0.3	2,543,909
SERIES 900						
901 ALLEV POLLUTION	138	164.1	15,672,900	16,908,561	1.9	1,159,333
902 OUTDOOR RECREATION	13	20.9	2,746,500	3,180,220	0.0	0
903 MULTI-USE-FOREST PO	9	18.0	2,085,600	2,874,070	0.0	0
904 WLDLFE AND FISH ECO	38	62.0	5,877,554	6,593,270	0.0	326,388
905 TREES BEAUTIFICATIO	20	19.6	2,702,741	2,904,007	0.0	7,604
906 ORNAMENT & TURF DEV	50	35.3	3,839,753	3,888,456	0.0	42,996
907 RURAL INCOME IMP	13	9.2	949,487	949,487	0.0	253,675
908 RURAL INSTITUT IMP	28	18.2	1,062,250	1,470,710	0.0	163,750
990 UNCLASSIFIED	3	7.9	750,129	824,104	0.0	0
SUBTOTAL	312	355.2	35,686,914	39,592,885	1.9	1,953,746
SCIENCE IN SERV OF MAN GRAND TOTAL	4799	4565.1	484,004,278	507,676,487	110.6	31,554,888

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TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - AGRICULTURAL RESEARCH AR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	188	123.7	12,196,078	13,402,616	1.2	101,727
0200 WATER	191	118.2	11,601,053	12,673,393	2.2	124,780
0300 WATERSHEDS RIVER BAS	78	77.4	8,171,220	9,766,958	4.1	87,358
0400 AIR AND CLIMATE	16	9.2	772,295	862,569	0.5	9,015
0600 TIMBER FORST PRODUCT	23	23.5	2,849,608	3,047,574	1.6	98,426
0700 RANGE	76	47.1	5,285,238	5,421,106	1.8	77,359
0800 WILDLIFE AND FISH	14	3.9	392,667	453,595	0.1	13,522
0900 CITRUS SUB TROP FRUT	91	87.5	8,984,213	9,388,362	0.4	52,339
1000 FRUIT NUTS DECIDUOUS	170	134.3	12,203,299	12,505,241	5.1	162,415
1100 POTATOES	49	46.3	3,803,576	3,878,771	1.6	71,158
1200 VEGETABLES	216	136.5	12,248,109	12,445,420	4.6	265,707
1300 ORNAMENTALS TURF	52	47.3	4,655,159	4,710,126	0.0	0
1400 CORN	166	115.3	9,756,211	9,939,845	0.8	95,570
1500 GRAIN SORGHUM	81	23.2	1,840,643	1,920,738	0.1	10,868
1600 RICE	41	23.2	1,954,814	2,038,326	0.1	1,712
1700 WHEAT	144	112.3	9,402,154	9,628,866	2.5	187,306
1800 OTHER SMALL GRAINS	79	31.6	2,706,217	2,773,828	0.1	4,791
1900 PASTURE	29	10.7	1,076,905	1,095,967	0.2	28,398
2000 FORAGE CROPS	151	100.8	9,255,203	9,500,679	5.3	421,552
2100 COTTON	220	245.7	22,913,515	23,088,015	3.7	242,196
2200 COTTONSEED	43	29.3	2,323,904	2,336,850	0.5	28,070
2300 SOYBEANS	155	122.3	10,807,976	10,872,745	11.1	225,025
2400 PEANUTS	72	41.6	3,325,872	3,418,617	0.9	81,737
2500 OTHER OILSEED CROPS	39	19.6	1,759,130	1,767,466	0.7	48,007
2600 TOBACCO	54	57.5	5,230,819	5,370,822	10.9	751,424
2700 SUGAR CROPS	69	56.3	6,040,620	6,140,976	0.3	44,360
2800 MISC NEW CROPS	45	36.4	2,872,479	3,308,958	2.0	134,096
2900 POULTRY	116	95.6	11,216,293	11,528,193	1.3	140,435
3000 BEEF CATTLE	238	230.8	27,854,570	28,231,038	12.0	984,430
3100 DAIRY CATTLE	176	98.1	14,420,870	14,737,466	5.9	490,573
3200 SWINE	130	79.0	11,217,073	11,719,205	7.9	556,150
3300 SHEEP AND WOOL	104	64.1	8,457,999	8,478,083	1.6	125,091
3400 OTHER ANIMALS	43	15.6	2,197,718	2,199,666	0.6	30,389
3500 BEES AND HONEY	28	36.7	2,617,911	2,617,996	2.8	39,439
3600 FARM SUPP & FACILITS	6	3.3	314,133	314,133	0.0	0
3700 CLOTHING & TEXTILES	7	5.8	278,314	278,314	1.0	11,799
3800 FOOD	64	125.8	10,641,841	11,409,717	3.1	93,604
3900 HOUSING & EQUIP	56	17.5	1,401,535	3,036,845	2.1	32,634
4000 PEOPLE AS INDIVIDUAL	73	64.9	6,652,012	6,889,885	1.3	45,404
4100 FAMILY MEMBERS	6	7.8	880,736	880,736	0.0	0
4700 OTH MARKET PROCESS	5	2.5	100,820	128,410	0.0	0
4800 MARKETING SYSTEMS	2	0.5	52,068	52,068	0.0	0
6100 WEEDS	38	16.3	1,568,316	1,587,139	0.7	67,047
6200 SEED RESEARCH	10	8.1	753,326	753,326	0.0	0
6300 BIO CELL SYSTEMS	19	11.2	1,196,040	1,196,040	0.4	95,427
6400 EXP DESIGN/STAT METH	1	0.1	2,817	2,817	0.0	0
6500 INVERTEBRATES	78	111.3	10,269,668	10,575,066	0.5	33,157
6600 MICROORGANISMS,VIRUS	41	25.2	2,456,890	2,505,988	3.8	197,824
6700 PLANTS	165	177.9	17,221,055	17,677,734	3.2	1,090,486
6800 ANIMALS(VERTEBRATES)	30	28.7	3,073,310	3,279,072	0.2	25,525
7000 RSCH EQUIP & TECHNOL	10	5.1	480,146	485,162	0.0	17,748
9900 UNCLASSIFIED	3	7.9	750,129	824,104	0.0	0
TOTAL	4001	3120.6	310,504,566	323,146,631	110.6	7,446,077

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TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- AGRICULTURAL RESEARCH AR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
102 SOIL PLNT WTR NUTRI	110	79.3	7,906,519	8,592,128	1.1	101,417
103 MGMT OF SALINE SOIL	12	16.3	1,674,518	1,715,657	0.4	76,500
105 CONSERV USE OF WATE	81	52.3	5,276,961	5,772,592	0.0	1,901
106 DRAIN AND IRRIGATIO	41	35.0	3,253,468	3,458,877	0.0	0
107 WATERSHED PROT & MG	98	98.3	10,339,783	12,360,660	5.0	141,825
109 WEATHER ADAPT & MOD	10	4.3	469,772	493,688	0.5	9,015
112 IMPROV RANGE RESOR	56	29.1	3,398,881	3,483,842	1.5	114,661
113 REMOTE SENSING	6	5.8	648,686	653,612	0.0	4,226
SUBTOTAL	414	320.2	32,968,587	36,531,057	8.5	449,544
SERIES 200						
201 CNTRL FORST INSECTS	12	9.5	953,730	1,031,218	1.6	98,426
204 CNTR PESTS FRT & VE	99	66.5	7,348,226	7,545,020	2.3	150,441
205 CNTR DISE FRT & VEG	125	64.1	6,505,166	6,546,088	3.9	167,645
206 CNTR WEEDS FRT & VE	26	8.1	819,698	834,981	0.3	17,130
207 CNTR PESTS FLD CROP	213	156.9	15,875,006	16,023,288	5.4	271,977
208 CNTR DIS FIELD CROP	209	134.4	12,421,582	12,504,088	3.7	179,339
209 CNTR WEEDS FLD CROP	106	55.4	5,506,892	5,568,187	1.8	147,201
210 CONTR PESTS ANIMALS	34	42.5	4,616,455	4,617,604	3.7	245,894
211 CONTR DIS ANIMALS	157	152.7	26,904,158	27,478,399	12.3	1,035,760
212 CNTR INTER PARASITE	27	34.2	4,466,913	4,511,777	0.7	79,459
213 PROT ANMLS FROM TOX	38	35.6	3,667,059	3,771,778	2.7	313,921
214 PROTECT FROM POLLUT	15	11.3	870,093	1,095,326	0.6	95,225
SUBTOTAL	1061	771.2	89,954,978	91,527,753	39.1	2,802,418
SERIES 300						
304 IMP BIO EFF FRT & V	89	54.4	5,618,985	5,849,250	2.0	43,475
305 MECH PROD FRT & VEG	24	14.3	1,167,781	1,178,398	0.0	0
306 PROD MGMT SYS F & V	2	0.5	41,628	49,507	0.0	0
307 IMP BIO EFF FLD CRP	308	186.9	16,991,966	17,516,846	12.5	481,924
308 MECH PROD FIELD CRO	54	38.5	3,797,053	4,151,162	1.0	81,815
309 PROD MGMT SYS FLD C	18	4.6	589,798	589,798	0.7	50,171
310 ANIMAL REPRODUCTION	41	39.9	6,127,065	6,137,500	1.5	63,566
311 IMP BIO EFF ANML PR	94	63.5	10,046,528	10,085,519	0.8	116,364
312 ENV STRESS IN ANML	20	8.4	1,153,902	1,170,483	0.5	90,148
313 PROD MGMT SYS ANML	9	3.6	709,860	725,074	0.2	13,796
314 BEES OTH POLLNTNG I	28	36.7	2,617,911	2,617,996	2.8	39,439
315 IMP STRUC FARM SUPP	32	8.1	607,778	1,686,335	1.8	12,351
317 MECH/STRUCTS ANML P	19	5.0	462,743	1,055,292	2.0	112,986
318 NON-COM BIO TECH/BI	204	228.2	22,352,151	22,809,547	7.3	1,337,420
SUBTOTAL	942	692.6	72,285,149	75,622,707	33.1	2,443,453
SERIES 400						
402 PROD F & V IMP ACCE	43	12.2	1,309,272	1,318,535	1.0	26,228
403 NEW & IMP F&V PROD	45	85.5	6,480,568	6,726,878	0.4	14,666
404 MKT QUAL FRTS & VEG	91	61.5	5,118,410	5,272,361	2.2	57,037
405 PROD FLD CROP IMP A	136	77.6	7,121,707	7,140,539	2.1	217,324
406 NEW IMP FOOD FLD CP	61	109.2	8,521,769	8,609,342	0.0	25,406
407 NEW IMP NON-FOOD FC	68	103.5	7,916,820	8,108,796	1.7	67,981
408 MKT QUAL FIELD CROP	61	51.3	4,402,762	4,487,161	1.2	78,632
409 PROD ANML PR IMP AC	11	6.4	1,257,925	1,263,304	0.0	0
410 IMP MEAT MILK EGG P	22	62.4	4,858,761	4,987,836	0.7	27,982
411 IMP NON-FOOD ANML P	17	46.2	3,449,082	3,496,642	3.4	154,188
412 MKT QUAL ANIMAL PRC	16	9.3	895,539	899,996	0.0	0
SUBTOTAL	571	625.0	51,332,614	52,311,390	12.6	669,444
SERIES 500						
501 IMP GRADES & STANDS	25	23.6	2,400,859	2,472,123	0.0	0
503 MKTG EFF AGRI PRODS	77	54.5	3,953,073	4,207,706	0.2	5,710
506 SPLY DEMAND AND PRI	1	0.0	706	706	0.0	0
509 PERFORMANCE MKTG SY	9	3.9	247,613	256,579	0.0	0
SUBTOTAL	112	81.9	6,602,251	6,937,115	0.2	5,710
SERIES 600						
603 TECH AID DEV CRTY	14	18.0	722,361	911,192	1.8	90,820
604 PRD DVLPMT/MKTG PRG	24	22.1	1,857,255	1,888,463	0.0	0
SUBTOTAL	38	40.1	2,579,616	2,799,655	1.8	90,820
SERIES 700						
701 TOX RES IN FOOD	27	43.6	4,446,113	4,520,823	0.0	0
702 FOOD PROT FROM TOX	73	79.4	6,599,429	6,620,854	1.7	166,687
703 FOOD CONSUMP HABITS	9	57.2	4,712,348	4,912,348	0.0	0
704 HOME COMM FOOD SERV	4	6.5	346,089	654,082	0.0	0
705 SEL CARE CLOTH & TE	7	5.8	278,314	278,314	1.0	11,799
706 CONTR INSECTS AFF M	32	34.1	3,497,675	3,687,654	0.3	22,842
707 TRANS ANIML MAN DI	2	1.6	52,843	104,611	0.0	0
708 HUMAN NUTRITION	79	101.9	10,307,184	10,708,677	1.3	59,016
709 REDUCE HAZ HLTH & S	66	70.1	5,667,419	5,717,194	8.8	596,464
SUBTOTAL	299	400.0	35,907,413	37,204,557	13.1	856,807
SERIES 800						
801 RURAL HOUSING	15	4.8	422,438	751,423	0.3	20,283
802 INDIV & FAM DEC MAK	4	4.4	362,164	362,164	0.0	0
SUBTOTAL	19	9.2	784,602	1,113,587	0.3	20,283
SERIES 900						
901 ALLEV POLLUTION	100	119.8	11,001,765	11,749,111	1.9	107,598
904 WLDLFE AND FISH ECO	8	2.2	234,357	247,046	0.0	0
905 TREES BEAUTIFICATIO	15	15.1	2,309,337	2,437,503	0.0	0
906 ORNAMENT & TURF DEV	47	35.2	3,793,769	3,841,047	0.0	0
990 UNCLASSIFIED	3	7.9	750,129	824,104	0.0	0
SUBTOTAL	173	180.3	18,089,356	19,098,811	1.9	107,598
SCIENCE IN SERV OF MAN GRAND TOTAL	3629	3120.6	310,504,566	323,146,631	110.6	7,446,077

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - COOPERATIVE RESEARCH CR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	24	0.0	1,299,196	1,299,196	0.0	1,299,196
0200 WATER	12	0.0	526,991	526,991	0.0	526,991
0300 WATERSHEDS RIVER BAS	1	0.0	42,935	42,935	0.0	42,935
0400 AIR AND CLIMATE	1	0.0	5,600	5,600	0.0	5,600
0600 TIMBER FORST PRODUCT	26	0.0	1,196,363	1,196,363	0.0	1,196,363
0700 RANGE	6	0.0	1,680,625	1,680,625	0.0	1,680,625
0800 WILDLIFE AND FISH	3	0.0	337,488	337,488	0.0	337,488
0900 CITRUS SUB TROP FRUT	1	0.0	3,454	3,454	0.0	3,454
1000 FRUIT NUTS DECIDUOUS	6	0.0	497,653	497,653	0.0	497,653
1100 POTATOES	2	0.0	26,000	26,000	0.0	26,000
1200 VEGETABLES	31	0.0	1,513,157	1,513,157	0.0	1,513,157
1300 ORNAMENTALS TURF	2	0.0	50,000	50,000	0.0	50,000
1400 CORN	8	0.0	514,359	514,359	0.0	514,359
1500 GRAIN SORGHUM	1	0.0	3,420	3,420	0.0	3,420
1600 RICE	3	0.0	71,581	71,581	0.0	71,581
1700 WHEAT	7	0.0	422,400	422,400	0.0	422,400
1800 OTHER SMALL GRAINS	7	0.0	413,480	413,480	0.0	413,480
1900 PASTURE	3	0.0	18,935	18,935	0.0	18,935
2000 FORAGE CROPS	7	0.0	426,499	426,499	0.0	426,499
2100 COTTON	1	0.0	11,000	11,000	0.0	11,000
2300 SOYBEANS	18	0.0	1,116,763	1,116,763	0.0	1,116,763
2400 PEANUTS	6	0.0	294,166	294,166	0.0	294,166
2600 TOBACCO	2	0.0	486,851	486,851	0.0	486,851
2700 SUGAR CROPS	2	0.0	12,619	12,619	0.0	12,619
2900 POULTRY	7	0.0	695,829	695,829	0.0	695,829
3000 BEEF CATTLE	10	0.0	883,410	883,410	0.0	883,410
3100 DAIRY CATTLE	5	0.0	646,817	646,817	0.0	646,817
3200 SWINE	8	0.0	1,015,475	1,015,475	0.0	1,015,475
3300 SHEEP AND WOOL	1	0.0	13,750	13,750	0.0	13,750
3400 OTHER ANIMALS	6	0.0	491,259	491,259	0.0	491,259
3600 FARM SUPP & FACILITS	2	0.0	259,082	259,082	0.0	259,082
3800 FOOD	10	0.0	1,108,613	1,108,613	0.0	1,108,613
3900 HOUSING & EQUIP	3	0.0	227,335	227,335	0.0	227,335
4000 PEOPLE AS INDIVIDUAL	28	0.0	2,685,117	2,685,117	0.0	2,685,117
4100 FAMILY MEMBERS	12	0.0	832,471	832,471	0.0	832,471
4200 FARM AS BUSINESS	3	0.0	204,803	204,803	0.0	204,803
4300 SOC POLIT ORGANIZ	10	0.0	534,122	534,122	0.0	534,122
4400 AGRIC ECONOMY U S	2	0.0	176,218	176,218	0.0	176,218
4800 MARKETING SYSTEMS	2	0.0	70,000	70,000	0.0	70,000
6300 BIO CELL SYSTEMS	1	0.0	60,116	60,116	0.0	60,116
6400 EXP DESIGN/STAT METH	1	0.0	3,000	3,000	0.0	3,000
6500 INVERTEBRATES	1	0.0	7,800	7,800	0.0	7,800
6600 MICROORGANISMS,VIRUS	4	0.0	118,959	118,959	0.0	118,959
6700 PLANTS	17	0.0	2,157,283	2,157,283	0.0	2,157,283
6800 ANIMALS(VERTEBRATES)	7	0.0	522,887	522,887	0.0	522,887
7000 RSCH EQUIP & TECHNOL	2	0.0	21,133	21,133	0.0	21,133
TOTAL	322	0.0	23,707,011	23,707,011	0.0	23,707,011

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- COOPERATIVE RESEARCH CR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	3	0.0	57,078	57,078	0.0	57,078
102 SOIL PLNT WTR NUTRI	21	0.0	580,810	580,810	0.0	580,810
103 MGMT OF SALINE SOIL	3	0.0	31,844	31,844	0.0	31,844
104 ALTERN USE OF LAND	1	0.0	78,519	78,519	0.0	78,519
105 CONSERV USE OF WATR	6	0.0	50,180	50,180	0.0	50,180
106 DRAIN AND IRRIGATIO	5	0.0	37,528	37,528	0.0	37,528
107 WATERSHED PROT & MG	4	0.0	193,720	193,720	0.0	193,720
109 WEATHER ADAPT & MOD	2	0.0	81,529	81,529	0.0	81,529
110 APPRAIS FORST & RAN	1	0.0	13,500	13,500	0.0	13,500
111 BIOL CULT MGMT FORS	2	0.0	98,433	98,433	0.0	98,433
112 IMPROV RANGE RESOR	4	0.0	72,724	72,724	0.0	72,724
113 REMOTE SENSING	1	0.0	15,533	15,533	0.0	15,533
SUBTOTAL	53	0.0	1,311,398	1,311,398	0.0	1,311,398
SERIES 200						
201 CNTRL FORST INSECTS	22	0.0	1,029,821	1,029,821	0.0	1,029,821
204 CNTR PESTS FRT & VE	6	0.0	127,750	127,750	0.0	127,750
205 CNTR DISE FRT & VEG	9	0.0	269,502	269,502	0.0	269,502
206 CNTR WEEDS FRT & VE	2	0.0	91,329	91,329	0.0	91,329
207 CNTR PESTS FLD CROP	9	0.0	1,702,589	1,702,589	0.0	1,702,589
208 CNTR DIS FIELD CROP	10	0.0	586,532	586,532	0.0	586,532
209 CNTR WEEDS FLD CROP	3	0.0	134,820	134,820	0.0	134,820
210 CONTR PESTS ANIMALS	1	0.0	60,000	60,000	0.0	60,000
211 CONTR DIS ANIMALS	4	0.0	135,000	135,000	0.0	135,000
212 CNTR INTER PARASITE	1	0.0	154,753	154,753	0.0	154,753
214 PROTECT FROM POLLUT	4	0.0	583,400	583,400	0.0	583,400
SUBTOTAL	71	0.0	4,875,495	4,875,495	0.0	4,875,495
SERIES 300						
303 ECON TIMBER PRODUCT	1	0.0	49,581	49,581	0.0	49,581
304 IMP BIO EFF FRT & V	25	0.0	1,134,779	1,134,779	0.0	1,134,779
306 PROD MGMT SYS F & V	1	0.0	38,500	38,500	0.0	38,500
307 IMP BIO EFF FLD CRP	25	0.0	1,295,850	1,295,850	0.0	1,295,850
308 MECH PROD FIELD CRO	1	0.0	30,000	30,000	0.0	30,000
309 PROD MGMT SYS FLD C	2	0.0	121,500	121,500	0.0	121,500
310 ANIMAL REPRODUCTION	4	0.0	307,759	307,759	0.0	307,759
311 IMP BIO EFF ANML PR	11	0.0	1,247,758	1,247,758	0.0	1,247,758
312 ENV STRESS IN ANML	2	0.0	328,992	328,992	0.0	328,992
313 PROD MGMT SYS ANML	3	0.0	160,095	160,095	0.0	160,095
315 IMP STRUC FARM SUPP	2	0.0	259,082	259,082	0.0	259,082
316 FARM BUSINESS MGMT	1	0.0	159,061	159,061	0.0	159,061
318 NON-COM BIO TECH/BI	5	0.0	403,617	403,617	0.0	403,617
SUBTOTAL	83	0.0	5,536,575	5,536,575	0.0	5,536,575
SERIES 400						
402 PROD F & V IMP ACCE	1	0.0	100,000	100,000	0.0	100,000
404 MKT QUAL FRTS & VEG	1	0.0	55,000	55,000	0.0	55,000
405 PROD FLD CROP IMP A	4	0.0	457,636	457,636	0.0	457,636
406 NEW IMP FOOD FLD CR	4	0.0	273,573	273,573	0.0	273,573
408 MKT QUAL FIELD CROP	1	0.0	113,400	113,400	0.0	113,400
409 PROD ANML PR IMP AC	5	0.0	860,097	860,097	0.0	860,097
412 MKT QUAL ANIMAL PRO	3	0.0	207,434	207,434	0.0	207,434
SUBTOTAL	19	0.0	2,067,139	2,067,139	0.0	2,067,139
SERIES 500						
503 MKTG EFF AGRI PRODS	2	0.0	78,100	78,100	0.0	78,100
507 COMP REL IN AGRIC	2	0.0	89,400	89,400	0.0	89,400
509 PERFORMANCE MKTG SY	1	0.0	45,000	45,000	0.0	45,000
510 GROUP ACT MKT POWER	1	0.0	15,000	15,000	0.0	15,000
SUBTOTAL	6	0.0	227,500	227,500	0.0	227,500
SERIES 600						
603 TECH AID DEV CRTY	5	0.0	151,250	151,250	0.0	151,250
SUBTOTAL	5	0.0	151,250	151,250	0.0	151,250
SERIES 700						
701 TOX RES IN FOOD	11	0.0	1,849,817	1,849,817	0.0	1,849,817
702 FOOD PROT FROM TOX	2	0.0	318,550	318,550	0.0	318,550
703 FOOD CONSUMP HABITS	9	0.0	1,636,525	1,636,525	0.0	1,636,525
708 HUMAN NUTRITION	13	0.0	1,018,738	1,018,738	0.0	1,018,738
709 REDUCE HAZ HLTH & S	1	0.0	420,851	420,851	0.0	420,851
SUBTOTAL	36	0.0	5,244,481	5,244,481	0.0	5,244,481
SERIES 800						
801 RURAL HOUSING	3	0.0	258,076	258,076	0.0	258,076
802 INDIV & FAM DEC MAK	6	0.0	296,568	296,568	0.0	296,568
803 RURAL POVERTY	4	0.0	302,742	302,742	0.0	302,742
804 ECON POTENT RURL PE	3	0.0	493,824	493,824	0.0	493,824
805 COMMUNICAT RURAL PE	3	0.0	17,243	17,243	0.0	17,243
806 ADJUSTMENT TO CHANG	9	0.0	857,213	857,213	0.0	857,213
807 AGRIC ECONOMIC CHAN	4	0.0	221,960	221,960	0.0	221,960
SUBTOTAL	32	0.0	2,447,626	2,447,626	0.0	2,447,626
SERIES 900						
901 ALLEV POLLUTION	10	0.0	1,051,735	1,051,735	0.0	1,051,735
904 WLDLFE AND FISH ECO	2	0.0	326,388	326,388	0.0	326,388
905 TREES BEAUTIFICATIO	1	0.0	7,504	7,504	0.0	7,504
906 ORNAMENT & TURF DEV	1	0.0	42,496	42,496	0.0	42,496
907 RURAL INCOME IMP	7	0.0	253,675	253,675	0.0	253,675
908 RURAL INSTITUT IMP	5	0.0	163,750	163,750	0.0	163,750
SUBTOTAL	26	0.0	1,845,548	1,845,548	0.0	1,845,548
SCIENCE IN SERV OF MAN GRAND TOTAL	331	0.0	23,707,011	23,707,011	0.0	23,707,011

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA COM/GT/CA WITH SAES SYS 1978	SAES AMOUNT 1978
0600 TIMBER FORST PRODUCT	2	0.0	141,000	141,000	0.0	0
1000 FRUIT NUTS DECIDUOUS	6	0.0	452,000	452,000	0.0	0
1100 POTATOES	4	0.0	192,000	192,000	0.0	0
1200 VEGETABLES	6	0.0	361,000	361,000	0.0	0
1400 CORN	8	0.0	537,000	537,000	0.0	0
1600 RICE	2	0.0	62,000	62,000	0.0	0
1700 WHEAT	4	0.0	256,000	256,000	0.0	0
1800 OTHER SMALL GRAINS	1	0.0	60,000	60,000	0.0	0
2000 FORAGE CROPS	4	0.0	992,000	992,000	0.0	0
2100 COTTON	3	0.0	239,000	239,000	0.0	0
2300 SOYBEANS	4	0.0	210,500	210,500	0.0	0
2500 OTHER OILSEED CROPS	1	0.0	63,000	63,000	0.0	0
3100 DAIRY CATTLE	1	0.0	66,500	66,500	0.0	0
3400 OTHER ANIMALS	1	0.0	45,000	45,000	0.0	0
3800 FOOD	38	0.0	5,771,954	5,771,954	0.0	0
4000 PEOPLE AS INDIVIDUAL	1	0.0	105,000	105,000	0.0	0
6100 WEEDS	1	0.0	80,000	80,000	0.0	0
6300 BIO CELL SYSTEMS	53	0.0	2,763,500	2,763,500	0.0	0
6500 INVERTEBRATES	4	0.0	215,000	215,000	0.0	0
6600 MICROORGANISMS,VIRUS	30	0.0	1,537,660	1,537,660	0.0	0
6700 PLANTS	48	0.0	2,173,900	2,173,900	0.0	0
TOTAL	222	0.0	16,324,014	16,324,014	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA COM/GT/CA WITH SAES SYS 1978	SAES AMOUNT 1978
SERIES 200						
201 CNTRL FORST INSECTS	1	0.0	60,000	60,000	0.0	0
204 CNTR PESTS FRT & VE	6	0.0	438,000	438,000	0.0	0
205 CNTR DISE FRT & VEG	6	0.0	384,000	384,000	0.0	0
207 CNTR PESTS FLD CROP	4	0.0	250,000	250,000	0.0	0
208 CNTR DIS FIELD CROP	13	0.0	837,000	837,000	0.0	0
209 CNTR WEEDS FLD CROP	1	0.0	30,000	30,000	0.0	0
SUBTOTAL	31	0.0	1,999,000	1,999,000	0.0	0
SERIES 300						
301 GENET BREED FORST T	1	0.0	81,000	81,000	0.0	0
304 IMP BIO EFF FRT & V	4	0.0	170,000	170,000	0.0	0
307 IMP BIO EFF FLD CRP	12	0.0	1,433,000	1,433,000	0.0	0
309 PROD MGMT SYS FLD C	1	0.0	63,000	63,000	0.0	0
318 NON-COM BIO TECH/BI	110	0.0	6,311,060	6,311,060	0.0	0
SUBTOTAL	128	0.0	8,058,060	8,058,060	0.0	0
SERIES 400						
402 PROD F & V IMP ACCE	1	0.0	50,000	50,000	0.0	0
404 MKT QUAL FRTS & VEG	1	0.0	80,000	80,000	0.0	0
SUBTOTAL	2	0.0	130,000	130,000	0.0	0
SERIES 700						
702 FOOD PROT FROM TOX	1	0.0	120,000	120,000	0.0	0
703 FOOD CONSUMP HABITS	14	0.0	1,747,454	1,747,454	0.0	0
708 HUMAN NUTRITION	27	0.0	4,269,500	4,269,500	0.0	0
SUBTOTAL	42	0.0	6,136,954	6,136,954	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	203	0.0	16,324,014	16,324,014	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ECONOMICS STATISTICS COOPERATIVES SERVIESCS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	28	27.3	3,341,400	3,422,900	0.0	0
0200 WATER	27	13.2	854,070	935,570	0.0	0
0300 WATERSHEDS RIVER BAS	6	4.2	442,330	442,330	0.0	0
0400 AIR AND CLIMATE	4	4.3	185,500	185,500	0.0	0
0900 CITRUS SUB TROP FRUT	11	4.8	253,623	263,094	0.0	2,400
1000 FRUIT NUTS DECIDUOUS	11	5.1	267,618	276,253	0.0	2,400
1100 POTATOES	9	2.0	99,995	104,377	0.0	1,800
1200 VEGETABLES	11	7.5	378,803	393,564	0.0	4,800
1300 ORNAMENTALS TURF	3	0.0	3,588	5,013	0.0	600
1400 CORN	33	7.4	441,294	442,801	0.0	30,860
1500 GRAIN SORGHUM	23	3.0	164,155	165,059	0.0	5,000
1600 RICE	22	3.0	159,155	160,059	0.0	0
1700 WHEAT	29	6.7	400,618	402,126	0.0	20,860
1800 OTHER SMALL GRAINS	22	2.1	107,876	108,882	0.0	0
2000 FORAGE CROPS	21	2.0	104,330	104,530	0.0	0
2100 COTTON	17	13.5	727,737	743,563	0.0	5,000
2200 COTTONSEED	1	1.7	110,995	115,878	0.0	0
2300 SOYBEANS	19	8.3	448,191	449,803	0.0	25,860
2400 PEANUTS	4	1.1	55,306	56,004	0.0	0
2500 OTHER OILSEED CROPS	1	0.2	15,856	16,554	0.0	0
2900 POULTRY	25	6.9	558,938	558,938	0.0	60,930
3000 BEEF CATTLE	25	11.7	696,955	703,705	0.0	43,330
3100 DAIRY CATTLE	20	14.1	887,504	887,504	0.0	31,430
3200 SWINE	23	8.5	511,880	518,630	0.0	43,330
3300 SHEEP AND WOOL	6	1.2	70,678	73,574	0.0	2,200
3600 FARM SUPP & FACILITS	14	27.2	2,418,158	2,453,658	0.0	24,000
3800 FOOD	12	48.2	3,531,958	3,787,958	0.0	0
3900 HOUSING & EQUIP	7	3.7	186,400	186,400	0.0	0
4000 PEOPLE AS INDIVIDUAL	7	17.7	1,304,400	1,325,200	0.0	0
4100 FAMILY MEMBERS	11	9.9	547,088	837,388	0.0	0
4200 FARM AS BUSINESS	8	18.6	1,175,346	1,175,346	0.0	29,700
4300 SOC POLIT ORGANIZ	29	27.4	1,594,312	2,033,672	0.0	0
4400 AGRIC ECONOMY U S	20	35.2	2,471,790	2,492,168	0.0	31,300
4500 AGRIC ECONOMY FORGN	24	67.5	4,163,964	4,253,685	0.0	0
4600 FARM COOPERATIVES	37	20.4	1,363,563	1,363,563	0.0	0
4800 MARKETING SYSTEMS	5	26.0	1,590,364	1,610,364	0.0	0
6400 EXP DESIGN/STAT METH	1	7.0	200,000	200,000	0.0	0
6700 PLANTS	10	3.7	244,959	265,779	0.0	18,000
6800 ANIMALS(VERTEBRATES)	9	2.4	171,091	181,341	0.0	18,000
TOTAL	595	474.5	32,211,787	33,702,731	0.0	401,800

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- ECONOMICS STATISTICS COOPERATIVES SERVIESCS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
103 MGMT OF SALINE SOIL	1	1.0	0	25,000	0.0	0
104 ALTERN USE OF LAND	16	29.4	3,544,150	3,607,150	0.0	0
105 CONSERV USE OF WATE	1	0.1	10,500	10,500	0.0	0
108 ECON LEG PROB OF WA	4	5.7	734,000	734,000	0.0	0
109 WEATHER ADAPT & MOD	1	0.2	24,150	24,150	0.0	0
SUBTOTAL	23	36.4	4,312,800	4,400,800	0.0	0
SERIES 300						
309 PROD MGMT SYS FLD C	4	3.0	140,790	144,449	0.0	0
312 ENV STRESS IN ANML	1	0.6	60,994	60,994	0.0	0
313 PROD MGMT SYS ANML	1	1.2	55,087	55,087	0.0	0
SUBTOTAL	6	4.8	256,871	260,530	0.0	0
SERIES 500						
501 IMP GRADES & STANDS	2	1.3	52,138	58,167	0.0	0
503 MKTG EFF AGRI PRODS	18	9.1	575,245	575,245	0.0	97,500
506 SPLY DEMAND AND PRI	45	87.2	5,539,902	5,625,929	0.0	165,700
507 COMP REL IN AGRIC	8	9.8	520,506	571,756	0.0	0
508 DOMESTIC MKT DEVELP	2	10.7	676,276	676,276	0.0	5,400
509 PERFORMANCE MKTG SY	37	60.0	4,279,308	4,402,303	0.0	56,600
510 GROUP ACT MKT POWER	35	19.9	1,339,334	1,339,334	0.0	0
511 IMP AGRIC STATISTIC	1	7.0	200,000	200,000	0.0	0
SUBTOTAL	148	204.9	13,182,709	13,449,010	0.0	325,200
SERIES 600						
601 FGN MKT DEVELP	24	67.5	4,163,964	4,253,685	0.0	0
SUBTOTAL	24	67.5	4,163,964	4,253,685	0.0	0
SERIES 700						
703 FOOD CONSUMP HABITS	2	8.4	321,219	477,219	0.0	0
SUBTOTAL	2	8.4	321,219	477,219	0.0	0
SERIES 800						
801 RURAL HOUSING	7	4.7	269,988	411,688	0.0	0
804 ECON POTENT RURL PE	6	9.2	498,000	646,600	0.0	0
806 ADJUSTMENT TO CHANG	7	15.2	1,184,400	1,236,100	0.0	0
807 AGRIC ECONOMIC CHAN	21	44.8	2,987,984	3,002,984	0.0	29,700
808 GOV'T PROGRAMS	21	23.7	1,434,952	1,440,330	0.0	46,300
SUBTOTAL	62	97.6	6,375,324	6,737,702	0.0	76,000
SERIES 900						
901 ALLEV POLLUTION	20	27.5	2,001,000	2,116,000	0.0	0
905 TREES BEAUTIFICATIO	1	0.0	100	100	0.0	100
906 ORNAMENT & TURF DEV	2	0.0	3,488	4,913	0.0	500
907 RURAL INCOME IMP	6	9.2	695,812	695,812	0.0	0
908 RURAL INSTITUT IMP	23	18.2	898,500	1,306,960	0.0	0
SUBTOTAL	52	54.9	3,598,900	4,123,785	0.0	600
SCIENCE IN SERV OF MAN						
GRAND TOTAL	317	474.5	32,211,787	33,702,731	0.0	401,800

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	5	10.3	1,241,650	1,441,930	0.0	0
0200 WATER	9	13.0	1,298,200	1,579,630	0.0	0
0300 WATERSHEDS RIVER BAS	32	88.2	8,916,330	10,821,775	0.0	0
0400 AIR AND CLIMATE	2	4.4	418,650	438,325	0.0	0
0500 RECREATION RESOURCES	20	30.6	5,525,650	6,216,050	0.0	0
0600 TIMBER FORST PRODUCT	193	713.9	72,902,170	77,690,429	0.0	0
0700 RANGE	20	33.4	3,940,790	4,833,275	0.0	0
0800 WILDLIFE AND FISH	31	62.5	5,831,560	6,556,046	0.0	0
3900 HOUSING & EQUIP	4	13.9	1,181,900	1,218,640	0.0	0
TOTAL	316	970.0	101,256,900	110,796,100	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
SERIES 100						
102 SOIL PLNT WTR NUTRI	1	2.0	167,200	215,280	0.0	0
105 CONSERV USE OF WATE	1	1.3	128,000	176,950	0.0	0
107 WATERSHED PROT & MG	35	94.2	9,593,930	11,430,375	0.0	0
108 ECON LEG PROB OF WA	1	3.6	296,800	403,400	0.0	0
110 APPRAIS FORST & RAN	13	64.3	10,525,320	10,850,348	0.0	0
111 BIOL CULT MGMT FORS	61	184.6	16,531,530	18,537,897	0.0	0
112 IMPROV RANGE RESOR	5	10.8	1,371,250	2,072,005	0.0	0
SUBTOTAL	117	360.7	38,614,030	43,686,255	0.0	0
SERIES 200						
201 CNTRL FORST INSECTS	33	101.7	11,372,760	11,714,199	0.0	0
202 CONTROL FOREST DIS	26	65.9	6,775,450	7,059,290	0.0	0
203 FOREST FIRE PROTECT	16	68.5	7,481,350	7,926,055	0.0	0
214 PROTECT FROM POLLUT	3	8.3	1,999,500	2,243,700	0.0	0
SUBTOTAL	78	244.4	27,629,060	28,943,244	0.0	0
SERIES 300						
301 GENET BREED FORST T	12	33.6	3,477,800	3,664,980	0.0	0
302 IMP FOREST ENG SYS	4	13.0	1,772,000	1,858,500	0.0	0
303 ECON TIMBER PRODUCT	4	13.2	794,800	819,800	0.0	0
SUBTOTAL	20	59.8	6,044,600	6,343,280	0.0	0
SERIES 400						
401 NEW IMP FOREST PROD	25	119.9	12,022,200	12,402,910	0.0	0
SUBTOTAL	25	119.9	12,022,200	12,402,910	0.0	0
SERIES 500						
502 MKTG TIMBER PRODUCT	11	40.3	3,093,600	3,151,760	0.0	0
512 IMP GRADES FRST PRO	2	9.0	648,000	672,000	0.0	0
513 PRICE ANAL FRST PRO	3	9.8	548,800	549,160	0.0	0
SUBTOTAL	16	59.1	4,290,400	4,372,920	0.0	0
SERIES 800						
801 RURAL HOUSING	2	6.0	503,500	522,750	0.0	0
SUBTOTAL	2	6.0	503,500	522,750	0.0	0
SERIES 900						
901 ALLEV POLLUTION	8	16.8	1,618,400	1,991,715	0.0	0
902 OUTDOOR RECREATION	13	20.9	2,746,500	3,180,220	0.0	0
903 MULTI-USE-FOREST PO	9	18.0	2,085,600	2,874,070	0.0	0
904 WLDLFE AND FISH ECO	28	59.8	5,316,810	6,019,836	0.0	0
905 TREES BEAUTIFICATIO	3	4.5	385,800	458,900	0.0	0
SUBTOTAL	61	120.0	12,153,110	14,524,741	0.0	0
SCIENCE IN SERV OF MAN GRAND TOTAL	319	970.0	101,256,900	110,796,100	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA COM/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	1192	380.6	5,665,751	36,080,069	*	1,715,528
0200 WATER	730	203.0	2,518,435	18,260,429	*	1,046,931
0300 WATERSHEDS RIVER BAS	131	35.9	492,998	3,212,296	*	423,086
0400 AIR AND CLIMATE	145	41.8	661,972	3,682,739	*	169,407
0500 RECREATION RESOURCES	196	52.6	1,123,280	4,287,418	*	216,518
0600 TIMBER FORST PRODUCT	1297	460.6	9,092,985	40,006,209	*	2,554,009
0700 RANGE	277	71.9	881,567	6,537,564	*	338,603
0800 WILDLIFE AND FISH	641	193.2	2,035,883	19,911,879	*	919,819
0900 CITRUS SUB TROP FRUT	285	131.2	1,043,406	11,772,100	*	193,708
1000 FRUIT NUTS DECIDUOUS	1019	346.5	5,023,390	31,752,484	*	737,396
1100 POTATOES	288	89.1	1,457,404	8,001,927	*	173,948
1200 VEGETABLES	1322	431.3	6,255,341	37,092,946	*	1,751,802
1300 ORNAMENTALS TURF	611	210.6	2,637,257	17,474,638	*	259,162
1400 CORN	819	184.9	3,970,655	18,410,575	*	788,646
1500 GRAIN SORGHUM	301	55.1	799,554	4,704,931	*	102,052
1600 RICE	110	38.2	305,884	3,469,478	*	78,093
1700 WHEAT	605	141.6	2,164,232	12,716,686	*	485,348
1800 OTHER SMALL GRAINS	395	82.7	1,294,933	7,648,150	*	815,456
1900 PASTURE	174	36.5	474,622	3,946,215	*	266,174
2000 FORAGE CROPS	889	250.8	4,845,720	23,668,607	*	795,672
2100 COTTON	368	122.9	2,040,979	12,071,063	*	850,582
2200 COTTONSEED	17	3.4	51,159	265,246	*	22,901
2300 SOYBEANS	812	212.2	4,091,714	21,550,171	*	2,038,633
2400 PEANUTS	150	47.4	427,810	4,476,771	*	359,056
2500 OTHER OILSEED CROPS	89	20.3	240,937	2,066,980	*	87,440
2600 TOBACCO	167	59.7	890,647	6,240,251	*	67,609
2700 SUGAR CROPS	173	59.6	1,005,652	5,069,978	*	29,661
2800 MISC NEW CROPS	113	29.2	399,382	2,991,951	*	60,182
2900 POULTRY	709	253.6	5,821,262	26,032,681	*	841,420
3000 BEEF CATTLE	1188	398.7	9,910,448	57,556,519	*	2,145,339
3100 DAIRY CATTLE	996	312.1	7,917,065	39,708,049	*	961,421
3200 SWINE	526	164.6	3,684,592	21,669,820	*	974,070
3300 SHEEP AND WOOL	328	75.3	1,750,914	8,964,041	*	121,931
3400 OTHER ANIMALS	386	93.7	1,500,034	9,206,087	*	451,893
3500 BEES AND HONEY	45	17.9	239,327	1,225,361	*	16,209
3600 FARM SUPP & FACILITS	99	29.3	371,878	2,445,567	*	371,033
3700 CLOTHING & TEXTILES	68	16.4	381,683	1,125,115	*	120,634
3800 FOOD	509	145.6	3,187,699	13,775,980	*	1,249,800
3900 HOUSING & EQUIP	225	55.6	790,064	4,851,521	*	664,810
4000 PEOPLE AS INDIVIDUAL	732	200.5	3,028,900	16,319,222	*	2,937,128
4100 FAMILY MEMBERS	235	62.6	995,035	4,433,901	*	778,558
4200 FARM AS BUSINESS	207	67.6	1,131,033	4,620,663	*	322,642
4300 SOC POLIT ORGANIZ	421	129.1	2,980,977	9,164,609	*	785,023
4400 AGRIC ECONOMY U S	106	31.7	592,973	2,458,272	*	261,216
4500 AGRIC ECONOMY FORGN	30	11.5	79,257	664,053	*	119,631
4600 FARM COOPERATIVES	47	8.0	187,808	615,415	*	157,554
4700 OTH MARKET PROCESS	42	7.4	161,920	540,608	*	31,156
4800 MARKETING SYSTEMS	111	32.5	690,654	2,117,481	*	413,317
6100 WEEDS	56	13.2	204,329	1,163,844	*	65,188
6200 SEED RESEARCH	30	10.4	124,118	899,999	*	5,351
6300 BIO CELL SYSTEMS	219	81.9	798,135	7,887,200	*	58,903
6400 EXP DESIGN/STAT METH	71	26.0	190,485	2,373,987	*	541,808
6500 INVERTEBRATES	251	107.6	819,381	9,235,266	*	279,879
6600 MICROORGANISMS,VIRUS	237	86.2	835,875	8,398,615	*	65,615
6700 PLANTS	673	215.5	2,850,279	21,281,573	*	1,665,578
6800 ANIMALS(VERTEBRATES)	339	117.4	1,276,094	11,774,547	*	437,626
6900 RESEARCH ON RSCH MGM	23	8.9	96,269	815,217	*	109,971
7000 RSCH EQUIP & TECHNOL	111	26.3	314,369	2,800,388	*	177,434
9900 UNCLASSIFIED	64	136.1	782,775	19,452,929	*	951,400
TOTAL	22400	6936.1	115,549,181	680,948,279	*	35,430,957

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	215	77.3	999,946	7,307,327	*	173,486
102 SOIL PLNT WTR NUTRI	563	166.5	2,492,652	15,525,723	*	387,692
103 MGMT OF SALINE SOIL	59	17.3	180,261	1,701,994	*	90,683
104 ALTERN USE OF LAND	184	54.7	955,807	4,608,950	*	248,913
105 CONSERV USE OF WATE	249	57.7	667,711	5,187,091	*	254,986
106 DRAIN AND IRRIGATIO	121	31.7	338,539	2,999,234	*	125,727
107 WATERSHED PROT & MG	157	48.3	715,208	5,957,065	*	573,574
108 ECON LEG PROB OF WA	41	15.5	208,463	1,004,350	*	47,806
109 WEATHER ADAPT & MOD	126	36.3	673,693	3,239,584	*	100,139
110 APPRAIS FORST & RAN	129	25.6	497,507	1,888,089	*	115,950
111 BIOL CULT MGMT FORS	404	119.3	2,762,512	11,100,182	*	685,064
112 IMPROV RANGE RESOR	182	46.6	508,968	4,528,391	*	190,981
113 REMOTE SENSING	52	11.6	176,023	1,344,304	*	204,446
114 RSCH ON MGMT OF RSC	23	8.9	96,269	815,217	*	109,971
SUBTOTAL	2505	717.2	11,273,561	67,207,500	*	3,309,417
SERIES 200						
201 CNTRL FORST INSECTS	205	59.6	1,024,841	5,264,692	*	570,800
202 CONTROL FOREST DIS	139	38.1	905,927	3,063,854	*	167,572
203 FOREST FIRE PROTECT	15	1.3	9,066	158,384	*	26,677
204 CNTR PESTS FRT & VE	377	130.1	1,684,090	11,546,114	*	529,077
205 CNTR DISE FRT & VEG	671	219.9	2,666,206	18,330,567	*	530,285
206 CNTR WEEDS FRT & VE	172	45.3	709,134	3,917,778	*	160,792
207 CNTR PESTS FLD CROP	493	168.8	3,305,723	15,452,545	*	1,178,357
208 CNTR DIS FIELD CROP	676	211.5	3,821,157	18,079,122	*	805,172
209 CNTR WEEDS FLD CROP	292	85.5	1,480,510	9,068,188	*	227,270
210 CONTR PESTS ANIMALS	104	29.5	505,702	2,425,026	*	266,282
211 CONTR DIS ANIMALS	458	224.1	3,891,884	21,882,616	*	1,325,400
212 CNTR INTER PARASITE	92	32.5	633,662	3,094,708	*	5,543
213 PROT ANMLS FROM TOX	88	16.8	355,648	2,310,755	*	43,106
214 PROTECT FROM POLLUT	252	54.9	871,975	6,063,955	*	602,152
SUBTOTAL	4034	1317.8	21,865,524	120,658,302	*	6,438,485
SERIES 300						
301 GENET BREED FORST T	124	34.2	1,137,589	3,908,859	*	149,651
302 IMP FOREST ENG SYS	35	13.0	204,919	988,602	*	15,851
303 ECON TIMBER PRODUCT	49	16.4	250,589	1,431,220	*	180,036
304 IMP BIO EFF FRT & V	1003	349.6	4,175,683	32,463,590	*	881,813
305 MECH PROD FRT & VEG	155	42.6	608,904	3,755,231	*	61,903
306 PROD MGMT SYS F & V	87	21.3	266,668	1,757,765	*	61,851
307 IMP BIO EFF FLD CRP	1603	627.6	9,446,697	65,517,831	*	3,329,170
308 MECH PROD FIELD CRO	113	30.2	523,543	3,244,067	*	134,807
309 PROD MGMT SYS FLD C	234	56.2	1,065,765	5,492,452	*	207,263
310 ANIMAL REPRODUCTION	440	178.7	4,031,565	23,307,724	*	764,632
311 IMP BIO EFF ANML PR	1233	466.6	11,268,324	72,975,255	*	1,613,666
312 ENV STRESS IN ANML	174	55.6	1,042,923	5,783,535	*	128,634
313 PROD MGMT SYS ANML	280	69.0	1,507,631	9,836,133	*	371,066
314 BEES OTH POLLNTNG I	45	17.9	239,327	1,225,361	*	16,209
315 IMP STRUC FARM SUPP	117	40.4	480,978	3,657,632	*	729,865
316 FARM BUSINESS MGMT	159	54.0	931,243	3,511,286	*	180,171
317 MECH/STRUCTS ANML P	70	16.0	246,693	1,342,366	*	90,957
318 NON-COM BIO TECH/BI	1039	424.8	3,909,679	39,477,031	*	461,948
SUBTOTAL	6960	2514.2	41,338,721	279,675,939	*	9,379,490
SERIES 400						
401 NEW IMP FOREST PROD	184	98.3	1,306,623	6,763,426	*	329,637
402 PROD F & V IMP ACCE	249	49.7	696,097	4,842,892	*	116,024
403 NEW & IMP FGV PROD	194	64.8	1,131,190	6,151,581	*	129,536
404 MKT QUAL FRTS & VEG	192	55.2	1,473,562	5,390,748	*	97,411
405 PROD FLD CROP IMP A	240	69.9	1,225,405	6,096,812	*	259,794
406 NEW IMP FOOD FLD CR	139	39.7	782,763	3,528,662	*	241,121
407 NEW IMP NON-FOOD FC	40	14.8	259,658	1,166,934	*	237
408 MKT QUAL FIELD CROP	82	21.4	343,555	1,712,379	*	137,386
409 PROD ANML PR IMP AC	160	43.6	1,594,047	5,858,962	*	341,253
410 IMP MEAT MILK EGG P	271	85.6	2,108,550	8,346,347	*	44,554
411 IMP NON-FOOD ANML P	19	4.3	50,958	328,568	*	0
412 MKT QUAL ANIMAL PRO	126	30.6	840,847	2,900,798	*	78,282
SUBTOTAL	1896	577.9	11,813,255	53,088,108	*	1,775,234
SERIES 500						
501 IMP GRADES & STANDS	61	19.1	455,861	1,548,805	*	11,605
502 MKTG TIMBER PRODUCT	23	6.2	85,654	670,331	*	46,905
503 MKTG EFF AGRI PRODS	228	55.5	1,601,664	4,022,811	*	516,710
506 SPLY DEMAND AND PRI	166	40.7	1,401,897	3,271,403	*	128,610
507 COMP REL IN AGRIC	59	11.8	286,118	774,051	*	79,647
508 DOMESTIC MKT DEVELP	52	9.2	212,750	603,592	*	2,381
509 PERFORMANCE MKTG SY	167	52.8	1,334,822	3,241,246	*	330,873
510 GROUP ACT MKT POWER	38	7.1	104,568	509,705	*	162,014
511 IMP AGRIC STATISTIC	32	8.6	75,272	983,773	*	473,523
512 IMP GRADES FRST PRO	15	4.4	26,959	306,695	*	81,818
513 PRICE ANAL FRST PRO	24	5.9	129,061	455,371	*	40,713
SUBTOTAL	865	221.3	5,714,624	16,387,783	*	1,874,800
SERIES 600						
601 FGN MKT DEVELP	55	13.1	382,735	1,042,255	*	79,226
602 EVAL FGN FOOD AID P	3	0.3	4,472	16,667	*	0
603 TECH AID DEV CNTY	52	20.0	16,610	940,383	*	196,895
604 PRD DVLPMT/MKTG FRG	8	0.6	11,921	51,801	*	3,491
SUBTOTAL	118	33.9	415,738	2,051,107	*	279,612
SERIES 700						
701 TOX RES IN FOOD	173	60.4	1,037,199	5,659,061	*	1,467,250
702 FOOD PROT FROM TOX	195	59.5	1,228,315	6,287,860	*	115,571
703 FOOD CONSUMP HABITS	184	40.9	637,565	2,890,737	*	790,027
704 HOME COMM FOOD SERV	50	11.6	239,288	888,804	*	82,598
705 SEL CARE CLOTH & TE	63	15.6	321,149	1,057,552	*	120,634
706 CONTR INSECTS AFF M	113	42.1	476,961	3,375,143	*	174,996
707 TRANS ANIML MAN DI	30	7.1	46,764	722,753	*	40,288
708 HUMAN NUTRITION	375	115.5	1,795,589	11,185,117	*	2,052,329
709 REDUCE HAZ HLTH & S	53	12.7	204,196	931,951	*	61,055
SUBTOTAL	1236	365.3	5,987,026	32,998,979	*	4,904,748

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 800						
801 RURAL HOUSING	54	15.2	256,135	965,571	*	106,295
802 INDIV & FAM DEC MAK	185	49.1	774,953	3,354,648	*	401,861
803 RURAL POVERTY	38	7.9	144,526	641,076	*	297,566
804 ECON POTENT RURL PE	108	27.9	606,608	2,100,530	*	450,633
805 COMMUNICAT RURAL PE	132	32.3	357,526	2,962,067	*	309,205
806 ADJUSTMENT TO CHANG	165	44.8	963,192	3,069,616	*	495,414
807 AGRIC ECONOMIC CHAN	131	36.0	649,627	2,824,334	*	325,560
808 GOV'T PROGRAMS	35	6.8	109,455	481,707	*	30,581
SUBTOTAL	848	219.9	3,862,022	16,399,550	*	2,417,115
SERIES 900						
901 ALLEV POLLUTION	678	244.0	3,618,469	22,688,516	*	1,796,832
902 OUTDOOR RECREATION	174	48.0	1,018,242	3,943,039	*	209,179
903 MULTI-USE-FOREST PO	76	18.7	420,417	1,327,351	*	50,956
904 WLDLFE AND FISH ECO	549	166.6	1,629,517	17,166,870	*	873,208
905 TREES BEAUTIFICATIO	103	28.3	370,503	2,641,530	*	92,674
906 ORNAMENT & TURF DEV	590	203.8	2,573,852	16,633,374	*	216,724
907 RURAL INCOME IMP	166	40.5	1,020,566	2,995,943	*	507,042
908 RURAL INSTITUT IMP	269	82.4	1,844,370	5,631,459	*	354,041
990 UNCLASSIFIED	64	136.1	782,775	19,452,929	*	951,400
SUBTOTAL	2669	968.5	13,278,710	92,481,010	*	5,052,056
SCIENCE IN SERV OF MAN GRAND TOTAL	21131	6936.1	115,549,181	680,948,279	*	35,430,957

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - SAES REGION 1 NORTHEAST REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GI/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	165	51.8	1,201,979	3,998,570	*	104,279
0200 WATER	86	30.3	381,237	2,030,483	*	8,185
0300 WATERSHEDS RIVER BAS	19	4.7	70,183	416,137	*	6,769
0400 AIR AND CLIMATE	25	7.2	84,026	382,662	*	48,509
0500 RECREATION RESOURCES	48	15.0	446,162	986,804	*	7,823
0600 TIMBER FORST PRODUCT	211	81.0	1,971,218	5,267,064	*	147,589
0700 RANGE	3	0.4	78,836	122,741	*	0
0800 WILDLIFE AND FISH	130	38.7	413,108	3,423,807	*	210,701
0900 CITRUS SUB TROP FRUT	5	0.4	12,384	26,989	*	0
1000 FRUIT NUTS DECIDUOUS	254	95.7	1,726,214	6,801,154	*	184,280
1100 POTATOES	78	26.8	622,341	2,198,391	*	95,997
1200 VEGETABLES	235	73.7	1,479,272	5,386,025	*	209,955
1300 ORNAMENTALS TURF	128	39.8	758,349	2,920,881	*	27,133
1400 CORN	86	21.0	599,446	1,740,906	*	7,625
1500 GRAIN SORGHUM	1	0.1	2,706	5,285	*	0
1600 RICE	1	0.7	9,275	21,469	*	0
1700 WHEAT	22	4.1	97,275	365,878	*	3,257
1800 OTHER SMALL GRAINS	18	3.0	46,492	258,006	*	2,581
1900 PASTURE	4	0.6	12,972	61,065	*	0
2000 FORAGE CROPS	104	30.2	758,006	2,678,654	*	220,937
2100 COTTON	1	0.2	4,200	10,381	*	0
2200 COTTONSEED	1	0.1	0	3,596	*	0
2300 SOYBEANS	47	9.6	196,064	929,664	*	148,095
2400 PEANUTS	2	0.2	1,625	19,693	*	0
2500 OTHER OILSEED CROPS	2	0.2	2,683	33,168	*	0
2600 TOBACCO	24	8.0	115,006	504,156	*	0
2700 SUGAR CROPS	1	0.4	3,779	43,056	*	0
2800 MISC NEW CROPS	7	1.4	26,411	79,880	*	0
2900 POULTRY	144	61.9	1,604,173	5,631,546	*	86,902
3000 BEEF CATTLE	69	14.8	598,662	1,922,509	*	10,464
3100 DAIRY CATTLE	194	66.4	1,537,249	6,318,500	*	131,610
3200 SWINE	32	7.7	111,374	742,661	*	38,779
3300 SHEEP AND WOOL	39	5.3	233,486	724,315	*	880
3400 OTHER ANIMALS	79	20.9	365,502	1,806,732	*	3,921
3500 BEES AND HONEY	7	2.7	61,868	187,261	*	1,900
3600 FARM SUPP & FACILITS	11	2.4	53,578	242,379	*	0
3700 CLOTHING & TEXTILES	8	0.9	31,174	53,035	*	0
3800 FOOD	105	30.5	853,424	2,628,940	*	17,176
3900 HOUSING & EQUIP	38	14.0	199,638	1,314,305	*	174,528
4000 PEOPLE AS INDIVIDUAL	145	44.6	723,769	3,306,318	*	267,937
4100 FAMILY MEMBERS	25	18.0	99,696	1,016,303	*	68,939
4200 FARM AS BUSINESS	18	7.7	143,022	487,286	*	24,338
4300 SOC POLIT ORGANIZ	93	33.5	840,478	2,295,395	*	261,035
4400 AGRIC ECONOMY U S	12	2.2	65,044	170,518	*	0
4500 AGRIC ECCNOMY FORGN	8	5.3	19,231	155,203	*	0
4600 FARM COOPERATIVES	2	0.6	10,331	21,210	*	0
4700 OTH MARKET PROCESS	6	3.5	43,824	175,865	*	16,313
4800 MARKETING SYSTEMS	12	6.8	139,458	212,599	*	13
6100 WEEDS	4	0.6	37,814	62,871	*	0
6200 SEED RESEARCH	11	3.9	25,678	229,375	*	0
6300 BIO CELL SYSTEMS	38	15.5	247,626	1,296,192	*	0
6400 EXP DESIGN/STAT METH	11	4.1	37,503	188,123	*	0
6500 INVERTEBRATES	39	19.0	208,389	1,327,491	*	64,248
6600 MICROORGANISMS,VIRUS	49	16.3	243,694	1,460,459	*	0
6700 PLANTS	95	36.8	644,072	2,586,154	*	486,224
6800 ANIMALS(VERTEBRATES)	45	10.3	147,908	988,447	*	61,451
7000 RSCH EQUIP & TECHNOL	20	3.6	77,070	252,981	*	6,480
9900 UNCLASSIFIED	12	39.9	313,276	6,003,822	*	148,939
TOTAL	3079	1044.9	20,839,258	84,525,360	*	3,305,788

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	30	8.8	130,416	497,806	*	4,330
102 SOIL PLNT WTR NUTRI	62	20.7	537,688	1,749,653	*	21,163
103 MGMT OF SALINE SOIL	1	0.5	2,781	2,781	*	0
104 ALTERN USE OF LAND	30	8.1	225,960	626,336	*	29,368
105 CONSERV USE OF WATE	11	1.6	49,143	135,557	*	0
106 DRAIN AND IRRIGATIO	4	2.5	30,984	141,373	*	0
107 WATERSHED PROT & MG	15	5.2	122,074	416,630	*	3,007
108 ECON LEG PROB OF WA	6	1.1	5,643	64,954	*	8,064
109 WEATHER ADAPT & MOD	17	4.6	59,924	214,965	*	6,204
110 APPRAIS FORST & RAN	13	3.8	89,665	213,973	*	2,135
111 BIOL CULT MGMT FORS	63	16.4	493,758	1,251,914	*	32,529
112 IMPROV RANGE RESOR	2	0.4	78,385	117,420	*	0
113 REMOTE SENSING	10	1.5	43,450	127,058	*	17,106
SUBTOTAL	264	75.2	1,869,869	5,560,420	*	123,906
SERIES 200						
201 CNTRL FORST INSECTS	36	15.4	354,707	1,059,297	*	62,757
202 CONTROL FOREST DIS	15	6.1	136,591	402,624	*	2,886
204 CNTR PESTS FRT & VE	84	34.0	476,108	2,382,129	*	64,983
205 CNTR DISE FRT & VEG	112	44.1	704,197	2,947,449	*	64,558
206 CNTR WEEDS FRT & VE	32	9.1	247,413	723,531	*	12,122
207 CNTR PESTS FLD CROP	31	7.6	181,748	780,463	*	188,908
208 CNTR DIS FIELD CROP	43	13.4	337,985	977,533	*	7,217
209 CNTR WEEDS FLD CROP	23	5.5	174,487	480,475	*	0
210 CONTR PESTS ANIMALS	15	2.8	76,543	247,534	*	10,245
211 CONTR DIS ANIMALS	59	34.3	866,116	2,832,002	*	56,740
212 CNTR INTER PARASITE	10	2.7	81,172	252,632	*	0
213 PROT ANMLS FROM TOX	7	0.6	15,314	172,532	*	0
214 PROTECT FROM POLLUT	43	11.4	336,407	886,130	*	20,883
SUBTOTAL	510	187.0	3,988,787	14,144,330	*	491,298
SERIES 300						
301 GENET BREED FORST T	11	4.4	169,862	353,619	*	24,120
302 IMP FOREST ENG SYS	5	2.2	67,521	166,194	*	0
303 ECON TIMBER PRODUCT	8	2.5	44,619	118,495	*	0
304 IMP BIO EFF FRT & V	158	50.6	939,737	3,899,092	*	34,394
305 MECH PROD FRT & VEG	23	7.9	212,044	602,095	*	1,862
306 PROD MGMT SYS F & V	10	3.0	58,620	199,789	*	20,295
307 IMP BIO EFF FLD CRP	116	40.3	873,288	3,194,115	*	223,657
308 MECH PROD FIELD CRO	7	2.4	50,656	142,600	*	0
309 PROD MGMT SYS FLD C	21	4.4	163,986	582,705	*	7,268
310 ANIMAL REPRODUCTION	47	19.3	519,964	1,796,767	*	0
311 IMP BIO EFF ANML PR	154	53.4	1,385,519	6,011,624	*	15,336
312 ENV STRESS IN ANML	25	10.1	178,748	589,944	*	0
313 PROD MGMT SYS ANML	23	9.6	162,172	1,352,837	*	73,224
314 BEES OTH POLLNTNG I	7	2.7	61,868	187,261	*	1,900
315 IMP STRUC FARM SUPP	26	8.6	152,208	949,753	*	174,528
316 FARM BUSINESS MGMT	14	7.2	138,685	401,018	*	0
317 MECH/STRUCTS ANML P	8	3.7	46,592	169,515	*	0
318 NON-COM BIO TECH/EI	199	75.5	965,587	5,875,704	*	55,667
SUBTOTAL	862	307.7	6,191,677	26,593,125	*	632,250
SERIES 400						
401 NEW IMP FOREST PROD	40	17.9	260,596	885,721	*	3,102
402 PROD F & V IMP ACCE	37	7.8	98,497	626,967	*	3,481
403 NEW & IMP F&V PROD	46	14.2	208,131	915,146	*	0
404 MKT QUAL FRTS & VEG	55	16.9	683,376	1,581,054	*	40,253
405 PROD FLD CROP IMP A	18	3.1	74,675	322,983	*	24,771
406 NEW IMP FOOD FLD CR	10	3.9	43,030	276,466	*	21,077
407 NEW IMP NON-FOOD FC	2	0.4	3,998	82,889	*	0
408 MKT QUAL FIELD CROP	5	1.9	37,436	135,453	*	0
409 PROD ANML PR IMP AC	14	6.0	208,574	750,645	*	1,484
410 IMP MEAT MILK EGG P	48	16.9	325,267	1,421,841	*	0
411 IMP NON-FOOD ANML P	1	0.1	0	4,139	*	0
412 MKT QUAL ANIMAL PRO	16	6.1	161,908	545,269	*	14,885
SUBTOTAL	292	95.2	2,105,489	7,548,572	*	109,052
SERIES 500						
501 IMP GRADES & STANDS	8	1.5	34,572	120,574	*	0
502 MKTG TIMBER PRODUCT	3	0.9	11,892	37,370	*	0
503 MKTG EFF AGRI PRODS	29	9.3	242,117	500,991	*	77,430
506 SPLY DEMAND AND PRI	20	5.3	202,108	347,424	*	1,540
507 COMP REL IN AGRIC	7	1.2	28,020	63,482	*	0
508 DOMESTIC MKT DEVELP	10	2.3	49,427	137,035	*	0
509 PERFORMANCE MKTG SY	22	11.9	240,498	466,691	*	36,985
510 GROUP ACT MKT POWER	3	1.0	10,331	31,428	*	0
511 IMP AGRIC STATISTIC	4	1.0	22,399	51,894	*	0
512 IMP GRADES FRST PRO	1	0.2	4,039	7,447	*	0
513 PRICE ANAL FRST PRO	2	0.4	6,145	6,145	*	0
SUBTOTAL	109	34.8	851,549	1,770,479	*	115,954
SERIES 600						
601 FGN MKT DEVELP	5	1.3	39,754	100,373	*	0
602 EVAL FGN FOOD AID P	1	0.1	0	4,302	*	0
603 TECH AID DEV CRTY	7	6.6	0	161,765	*	0
SUBTOTAL	13	8.0	39,754	266,440	*	0
SERIES 700						
701 TOX RES IN FOOD	28	16.0	381,228	1,505,719	*	566,108
702 FOOD PROT FROM TOX	24	11.1	248,291	827,109	*	11,750
703 FOOD CONSUMP HABITS	31	8.4	224,050	649,960	*	13,814
704 HOME COMM FOOD SERV	7	1.1	43,833	90,102	*	1,850
705 SEL CARE CLOTH & TE	7	0.6	31,174	41,568	*	0
706 CONTR INSECTS AFF M	32	14.4	203,875	768,109	*	38,083
707 TRANS ANIML MAN DI	8	2.9	26,088	252,367	*	12,923
708 HUMAN NUTRITION	73	15.6	470,438	1,707,827	*	68,256
709 REDUCE HAZ HLTH & S	11	2.5	65,312	177,311	*	0
SUBTOTAL	221	72.5	1,694,288	6,020,071	*	712,784

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 800						
801 RURAL HOUSING	6	3.6	30,172	186,428	*	0
802 INDIV & FAM DEC MAK	19	17.3	96,274	842,309	*	36,726
803 RURAL POVERTY	3	1.6	6,616	66,600	*	51,959
804 ECON POTENT RURL PE	14	4.2	30,017	425,670	*	157,864
805 COMMUNICAT RURAL PE	43	10.7	108,999	889,035	*	36,205
806 ADJUSTMENT TO CHANG	18	5.8	143,932	416,619	*	26,662
807 AGRIC ECONOMIC CHAN	9	0.9	18,199	117,381	*	24,338
SUBTOTAL	112	44.1	434,209	2,944,042	*	333,753
SERIES 900						
901 ALLEV POLLUTION	136	56.1	800,341	4,385,349	*	153,524
902 OUTDOOR RECREATION	40	13.1	382,607	839,394	*	7,823
903 MULTI-USE-FOREST PO	16	4.8	133,706	337,579	*	1,181
904 WLDLFE AND FISH ECO	108	30.9	331,932	2,857,865	*	210,701
905 TREES BEAUTIFICATIO	12	4.7	128,277	286,856	*	3,949
906 ORNAMENT & TURF DEV	127	39.3	740,636	2,884,720	*	27,133
907 RURAL INCOME IMP	26	8.1	335,234	630,735	*	131,747
908 RURAL INSTITUT IMP	62	23.6	497,628	1,451,561	*	101,797
990 UNCLASSIFIED	12	39.9	313,276	6,003,822	*	148,939
SUBTOTAL	539	220.4	3,663,636	19,677,881	*	786,792
SCIENCE IN SERV OF MAN						
GRAND TOTAL	2922	1044.9	20,839,258	84,525,360	*	3,305,788

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - SAES REGION 2 SOUTHERN REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA COM/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	323	103.3	1,210,920	9,005,528	*	659,085
0200 WATER	204	61.7	750,898	5,214,262	*	582,019
0300 WATERSHEDS RIVER BAS	38	11.1	195,106	874,063	*	78,058
0400 AIR AND CLIMATE	23	4.1	66,489	288,745	*	2,527
0500 RECREATION RESOURCES	35	8.0	131,616	676,954	*	69,350
0600 TIMBER FORST PRODUCT	386	143.5	3,321,911	13,145,186	*	621,171
0700 RANGE	62	13.7	170,681	1,568,363	*	75,984
0800 WILDLIFE AND FISH	228	79.7	1,062,333	7,203,049	*	383,833
0900 CITRUS SUB TROP FRUT	131	73.1	528,336	5,764,692	*	64,283
1000 FRUIT NUTS DECIDUOUS	335	102.0	1,361,717	9,881,933	*	388,975
1100 POTATOES	36	7.6	98,355	669,485	*	6,642
1200 VEGETABLES	493	199.7	2,334,488	15,831,906	*	928,224
1300 ORNAMENTALS TURF	224	88.0	1,144,529	7,291,665	*	95,019
1400 CORN	258	47.3	906,157	4,923,390	*	148,302
1500 GRAIN SORGHUM	148	26.9	418,560	2,289,646	*	42,688
1600 RICE	82	29.0	270,499	2,528,162	*	35,629
1700 WHEAT	132	24.3	483,608	2,123,996	*	70,812
1800 OTHER SMALL GRAINS	113	23.2	345,213	2,121,166	*	724,825
1900 PASTURE	105	25.5	257,893	2,671,916	*	238,033
2000 FORAGE CROPS	314	102.2	1,946,018	9,717,849	*	246,926
2100 COTTON	275	89.3	1,669,984	8,873,337	*	769,672
2200 COTTONSEED	12	1.9	34,409	149,388	*	18,443
2300 SOYBEANS	420	115.5	2,310,472	11,612,092	*	1,248,177
2400 PEANUTS	142	44.9	423,753	4,325,887	*	348,588
2500 OTHER OILSEED CROPS	14	2.5	65,439	291,301	*	7,498
2600 TOBACCO	137	49.9	747,410	5,579,213	*	66,439
2700 SUGAR CROPS	66	40.6	790,111	3,306,830	*	4,684
2800 MISC NEW CROPS	40	8.0	179,224	679,340	*	17,564
2900 POULTRY	298	96.7	2,123,442	10,344,769	*	591,544
3000 BEEF CATTLE	511	171.9	4,245,438	23,654,009	*	1,300,007
3100 DAIRY CATTLE	340	109.5	2,809,249	14,769,937	*	477,610
3200 SWINE	191	64.7	1,278,352	7,914,268	*	452,847
3300 SHEEP AND WOOL	83	15.0	381,375	1,802,496	*	48,756
3400 OTHER ANIMALS	134	33.4	566,254	3,393,070	*	409,655
3500 BEES AND HONEY	5	1.3	23,264	98,706	*	7,274
3600 FARM SUPP & FACILITS	23	9.0	53,019	678,749	*	335,509
3700 CLOTHING & TEXTILES	22	5.5	118,199	380,178	*	120,634
3800 FOOD	133	45.1	945,913	3,581,466	*	945,089
3900 HOUSING & EQUIP	64	18.6	221,576	1,214,982	*	220,970
4000 PEOPLE AS INDIVIDUAL	230	67.8	990,667	5,100,190	*	1,982,186
4100 FAMILY MEMBERS	76	15.2	245,246	1,135,148	*	552,092
4200 FARM AS BUSINESS	82	25.7	486,103	1,536,966	*	232,381
4300 SOC POLIT ORGANIZ	120	32.6	917,129	2,248,609	*	380,602
4400 AGRIC ECONOMY U S	21	8.1	109,802	474,517	*	67,856
4500 AGRIC ECONOMY FORGN	1	0.0	0	1,019	*	0
4600 FARM COOPERATIVES	15	2.8	25,236	252,042	*	142,757
4700 OTH MARKET PROCESS	16	1.4	63,557	181,728	*	13,900
4800 MARKETING SYSTEMS	30	9.1	195,273	724,462	*	267,467
6100 WEEDS	23	3.4	53,306	375,817	*	46,357
6200 SEED RESEARCH	4	0.7	39,442	94,543	*	5,351
6300 BIO CELL SYSTEMS	39	11.8	99,465	1,080,656	*	42,613
6400 EXP DESIGN/STAT METH	13	5.4	24,114	474,636	*	37,916
6500 INVERTEBRATES	61	20.6	139,725	1,638,411	*	63,613
6600 MICROORGANISMS,VIRUS	47	23.8	157,214	2,148,261	*	23,010
6700 PLANTS	181	54.4	823,020	5,964,981	*	605,410
6800 ANIMALS(VERTEBRATES)	76	14.7	281,128	1,618,540	*	62,025
6900 RESEARCH ON RSCH MGH	6	3.9	60,236	279,166	*	0
7000 RSCH EQUIP & TECHNOL	18	4.0	26,703	334,002	*	1,932
9900 UNCLASSIFIED	19	48.1	314,557	5,861,305	*	265,457
TOTAL	7658	2446.5	41,044,131	237,966,931	*	17,646,270

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- SAES REGION 2 SOUTHERN REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	56	21.0	266,900	1,963,971	*	52,452
102 SOIL PLNT WTR NUTRI	176	48.3	616,899	4,485,977	*	173,057
103 MGMT OF SALINE SOIL	13	5.4	48,518	414,382	*	15,067
104 ALTERN USE OF LAND	40	10.6	136,827	816,900	*	12,817
105 CONSERV USE OF WATE	78	16.1	200,646	1,426,295	*	129,961
106 DRAIN AND IRRIGATIO	32	7.6	72,320	567,098	*	8,105
107 WATERSHED PROT & MG	42	11.8	239,330	1,755,654	*	63,213
108 ECON LEG PROB OF WA	10	4.7	63,950	260,222	*	3,467
109 WEATHER ADAPT & MOD	23	2.9	38,472	244,181	*	37,823
110 APPRAIS FORST & RAN	34	5.4	115,665	403,350	*	6,631
111 BIOL CULT MGMT FORS	121	40.6	1,078,082	3,292,833	*	110,765
112 IMPROV RANGE RESOR	43	10.0	137,114	1,181,255	*	38,705
113 REMOTE SENSING	7	3.0	40,297	252,327	*	9,772
114 RSCH ON MGMT OF RSC	6	3.9	60,236	279,166	*	0
SUBTOTAL	681	191.4	3,115,256	17,343,610	*	661,834
SERIES 200						
201 CNTRL FORST INSECTS	68	17.9	303,026	2,096,430	*	187,466
202 CONTROL FOREST DIS	48	16.1	408,227	1,182,445	*	61,611
203 FOREST FIRE PROTECT	6	0.1	4,109	37,035	*	11,274
204 CNTR PESTS FRT & VE	116	40.0	455,604	3,402,637	*	287,415
205 CNTR DISE FRT & VEG	234	81.3	735,228	6,254,253	*	284,698
206 CNTR WEEDS FRT & VE	62	19.0	219,666	1,490,443	*	110,230
207 CNTR PESTS FLD CROP	234	81.4	1,796,543	7,694,986	*	478,055
208 CNTR DIS FIELD CROP	307	98.8	1,693,985	8,336,617	*	627,475
209 CNTR WEEDS FLD CROP	126	41.0	744,268	4,597,550	*	137,696
210 CONTR PESTS ANIMALS	43	17.9	321,185	1,499,906	*	232,000
211 CONTR DIS ANIMALS	136	59.8	949,933	5,707,188	*	460,428
212 CNTR INTER PARASITE	41	16.4	209,057	1,585,985	*	4,655
213 PROT ANMLS FROM TOX	28	7.0	142,934	891,547	*	8,144
214 PROTECT FROM POLLUT	62	10.3	153,199	1,436,549	*	426,409
SUBTOTAL	1511	507.1	8,136,963	46,213,570	*	3,317,555
SERIES 300						
301 GENET BREED FORST T	43	11.3	502,727	1,630,191	*	3,949
302 IMP FOREST ENG SYS	10	4.3	57,741	346,665	*	3,483
303 ECON TIMBER PRODUCT	9	6.5	96,348	631,178	*	93,749
304 IMP BIO EFF FRT & V	387	144.1	1,381,400	12,812,911	*	595,159
305 MECH PRCD FRT & VEG	73	17.3	140,774	1,531,418	*	15,627
306 PROD MGMT SYS F & V	30	11.5	117,593	845,669	*	632
307 IMP BIO EFF FLD CRP	725	285.8	4,447,671	30,722,371	*	1,858,910
308 MECH PROD FIELD CRO	60	17.9	322,113	1,871,461	*	97,392
309 PROD MGMT SYS FLD C	105	27.2	438,868	2,571,245	*	115,289
310 ANIMAL REPRODUCTION	175	74.7	1,594,334	10,667,636	*	363,466
311 IMP BIO EFF ANML PR	505	176.8	4,397,074	26,951,805	*	1,210,091
312 ENV STRESS IN ANML	67	18.8	322,862	1,692,669	*	55,983
313 PROD MGMT SYS ANML	124	27.7	627,274	3,808,548	*	231,182
314 BEES OTH POLLNTNG I	5	1.3	23,264	98,706	*	7,274
315 IMP STRUC FARM SUPP	31	10.9	85,501	926,455	*	355,766
316 FARM BUSINESS MGMT	69	21.8	423,749	1,301,780	*	137,277
317 MECH/STRUCTS ANML P	31	7.4	87,362	628,924	*	28,920
318 NON-COM BIO TECH/BI	210	86.1	682,045	7,891,881	*	224,044
SUBTOTAL	2659	951.3	15,748,700	106,931,513	*	5,398,193
SERIES 400						
401 NEW IMP FOREST PROD	44	26.2	453,037	2,013,450	*	69,154
402 PROD F & V IMP ACCE	96	18.4	269,756	1,687,190	*	94,013
403 NEW & IMP F&V PROD	58	23.1	510,471	2,361,864	*	840
404 MKT QUAL FRTS & VEG	46	13.9	331,408	1,128,381	*	22,228
405 PROD FLD CROP IMP A	100	29.8	415,782	2,424,278	*	173,992
406 NEW IMP FOOD FLD CR	38	11.3	180,755	883,383	*	162,323
407 NEW IMP NON-FOOD FC	16	7.8	180,780	521,637	*	237
408 MKT QUAL FIELD CROP	20	6.8	82,851	400,173	*	131
409 PROD ANML PR IMP AC	58	12.8	382,886	1,477,555	*	212,362
410 IMP MEAT MILK EGG P	87	27.1	891,407	3,054,006	*	38,439
411 IMP NON-FOOD ANML P	8	1.9	19,631	163,915	*	0
412 MKT QUAL ANIMAL PRO	45	10.9	279,213	1,055,798	*	43,150
SUBTOTAL	616	190.0	3,997,976	17,171,630	*	816,870
SERIES 500						
501 IMP GRADES & STANDS	33	10.5	281,380	997,202	*	11,605
502 MKTG TIMBER PRODUCT	13	3.5	64,007	467,057	*	16,954
503 MKTG EFF AGRI PRODS	88	20.9	644,612	1,553,452	*	238,012
506 SPLY DEMAND AND PRI	78	19.0	725,546	1,511,224	*	51,932
507 COMP REL IN AGRIC	26	4.6	89,964	234,355	*	19,298
508 DOMESTIC MKT DEVELP	24	4.6	103,702	258,856	*	18
509 PERFORMANCE MKTG SY	69	19.0	481,514	1,157,173	*	131,670
510 GROUP ACT MKT POWER	13	2.4	31,147	245,451	*	131,161
511 IMP AGRIC STATISTIC	6	0.4	1,336	35,509	*	15,674
513 PRICE ANAL FRST PRO	7	1.9	30,459	92,207	*	0
SUBTOTAL	357	86.6	2,453,667	6,552,486	*	616,323
SERIES 600						
601 FGN MKT DEVELP	10	2.7	53,400	140,498	*	132
603 TECH AID DEV CRTY	8	0.4	0	92,296	*	34,643
604 PRD DVLPMT/MKTG PRG	5	0.3	9,877	39,618	*	0
SUBTOTAL	23	3.5	63,277	272,412	*	34,775
SERIES 700						
701 TOX RES IN FOOD	48	14.4	274,530	1,424,746	*	423,652
702 FOOD PROT FROM TOX	59	14.3	350,018	1,714,247	*	97,658
703 FOOD CONSUMP HABITS	63	16.7	129,020	958,170	*	581,503
704 HOME COMM FOOD SERV	8	2.6	16,426	136,435	*	6,167
705 SEL CARE CLOTH & TE	21	5.4	109,341	361,704	*	120,634
706 CONTR INSECTS AFF M	27	7.9	79,354	673,722	*	37,778
707 TRANS ANIML MAN DI	5	1.1	4,691	93,483	*	27,365
708 HUMAN NUTRITION	122	42.5	549,281	3,124,011	*	1,305,129
709 REDUCE HAZ HLTH & S	14	3.9	48,397	364,655	*	51,696
SUBTOTAL	367	108.8	1,561,057	8,851,173	*	2,651,580

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 800						
801 RURAL HOUSING	21	6.4	166,251	462,084	*	106,005
802 INDIV & FAM DEC MAK	58	11.1	204,434	835,619	*	344,925
803 RURAL POVERTY	24	5.1	103,623	477,811	*	230,669
804 ECON POTENT RUR PE	46	10.5	240,914	766,123	*	273,901
805 COMMUNICAT RURAL PE	22	6.4	51,716	660,468	*	239,986
806 ADJUSTMENT TO CHANG	52	15.6	282,147	979,391	*	415,916
807 AGRIC ECONOMIC CHAN	37	11.2	156,318	638,944	*	163,108
808 GOV'T PROGRAMS	7	2.0	45,751	164,099	*	0
SUBTOTAL	267	68.3	1,251,152	4,984,539	*	1,774,510
SERIES 900						
901 ALLEV POLLUTION	202	81.5	1,140,771	6,422,882	*	1,090,948
902 OUTDOOR RECREATION	29	7.5	115,769	622,195	*	67,885
903 MULTI-USE-FOREST PO	27	5.8	201,881	503,337	*	28,531
904 WLDLFE AND FISH ECO	196	70.2	818,817	6,217,696	*	339,671
905 TREES BEAUTIFICATIO	22	5.8	55,038	546,012	*	44,618
906 ORNAMENT & TURF DEV	219	85.8	1,135,174	7,035,291	*	52,814
907 RURAL INCOME IMP	68	16.8	393,262	1,118,869	*	313,067
908 RURAL INSTITUT IMP	78	18.0	540,815	1,318,412	*	171,639
990 UNCLASSIFIED	19	48.1	314,557	5,861,305	*	265,457
SUBTOTAL	860	339.5	4,716,083	29,645,998	*	2,374,628
SCIENCE IN SERV OF MAN						
GRAND TOTAL	7341	2446.5	41,044,131	237,966,931	*	17,646,270

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA COM/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	385	111.8	1,857,346	11,954,054	*	249,847
0200 WATER	233	47.7	646,180	4,675,751	*	59,196
0300 WATERSHEDS RIVER BAS	38	9.0	140,537	904,947	*	63,044
0400 AIR AND CLIMATE	52	14.1	369,283	1,432,020	*	9,552
0500 RECREATION RESOURCES	60	13.6	275,238	1,229,402	*	11,607
0600 TIMBER FORST PRODUCT	310	94.3	2,070,336	8,085,132	*	413,056
0700 RANGE	48	14.0	149,872	953,301	*	37,051
0800 WILDLIFE AND FISH	121	25.3	246,004	2,963,479	*	10,823
0900 CITRUS SUB TROP FRUT	2	0.5	8,393	26,876	*	0
1000 FRUIT NUTS DECIDUOUS	154	46.1	799,959	4,693,358	*	62,974
1100 POTATOES	84	22.5	456,381	2,051,646	*	5,748
1200 VEGETABLES	244	60.2	1,181,397	5,616,268	*	170,211
1300 ORNAMENTALS TURF	128	40.8	516,691	3,659,374	*	35,947
1400 CORN	417	104.7	2,353,159	10,752,940	*	617,431
1500 GRAIN SORGHUM	123	24.0	343,505	2,039,998	*	55,875
1600 RICE	12	3.7	3,920	344,364	*	0
1700 WHEAT	284	72.3	1,053,921	6,029,918	*	229,138
1800 OTHER SMALL GRAINS	138	33.0	580,796	2,967,556	*	17,515
1900 PASTURE	38	5.7	185,752	773,023	*	28,141
2000 FORAGE CROPS	241	56.4	1,386,423	5,668,136	*	124,738
2100 COTTON	8	4.9	32,556	295,052	*	0
2300 SOYBEANS	316	81.5	1,532,845	7,859,293	*	529,720
2400 PEANUTS	1	0.0	1,887	2,979	*	0
2500 OTHER OILSEED CROPS	42	10.9	118,318	727,118	*	16,379
2600 TOBACCO	5	1.5	11,270	113,324	*	1,170
2700 SUGAR CROPS	36	4.8	67,909	499,907	*	1,080
2800 MISC NEW CROPS	23	9.1	104,912	570,426	*	10,204
2900 POULTRY	182	61.3	1,558,270	6,525,910	*	154,689
3000 BEEF CATTLE	346	99.7	2,634,698	18,248,053	*	553,001
3100 DAIRY CATTLE	329	100.5	2,883,738	14,230,313	*	305,937
3200 SWINE	266	85.7	2,205,360	11,911,186	*	467,672
3300 SHEEP AND WOOL	106	22.5	469,833	3,129,024	*	57,842
3400 OTHER ANIMALS	106	20.9	361,190	2,094,208	*	33,818
3500 BEES AND HONEY	10	3.9	10,293	232,675	*	0
3600 FARM SUPP & FACILITS	47	14.6	226,877	1,301,827	*	30,882
3700 CLOTHING & TEXTILES	22	7.0	151,386	468,788	*	0
3800 FOOD	165	38.3	943,048	4,403,643	*	150,793
3900 HOUSING & EQUIP	73	14.5	285,105	1,222,295	*	138,814
4000 PEOPLE AS INDIVIDUAL	206	49.0	829,631	4,111,722	*	354,203
4100 FAMILY MEMBERS	98	21.0	426,149	1,645,268	*	120,436
4200 FARM AS BUSINESS	73	18.8	357,466	1,241,851	*	32,003
4300 SOC POLIT ORGANIZ	129	37.5	839,737	2,857,280	*	103,691
4400 AGRIC ECONOMY U S	47	14.5	316,218	1,355,903	*	176,461
4500 AGRIC ECONOMY FORGN	15	4.4	37,134	324,357	*	103,295
4600 FARM COOPERATIVES	19	3.0	140,788	265,701	*	12,569
4700 OTH MARKET PROCESS	11	1.4	38,559	127,886	*	943
4800 MARKETING SYSTEMS	51	12.6	312,368	841,456	*	128,015
6100 WEEDS	10	2.2	50,601	173,407	*	0
6200 SEED RESEARCH	6	2.1	24,254	359,651	*	0
6300 BIO CELL SYSTEMS	97	34.7	381,105	3,768,150	*	3,350
6400 EXP DESIGN/STAT METH	31	11.5	109,611	1,206,629	*	435,031
6500 INVERTEBRATES	42	16.5	199,365	1,375,637	*	77,123
6600 MICROORGANISMS,VIRUS	81	27.9	289,836	2,722,663	*	42,605
6700 PLANTS	171	56.1	675,816	5,730,115	*	336,264
6800 ANIMALS(VERTEBRATES)	129	46.9	630,730	4,725,886	*	105,248
6900 RESEARCH ON BSCH MGM	9	3.1	30,469	210,526	*	34,617
7000 RSCH EQUIP & TECHNOL	42	9.5	193,859	1,047,352	*	106,575
9900 UNCLASSIFIED	16	24.2	68,188	6,221,384	*	408,981
TOTAL	6478	1778.3	34,176,466	190,970,387	*	7,235,302

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	70	26.7	333,803	2,917,511	*	14,283
102 SOIL PLNT WTR NUTRI	192	53.3	904,616	5,404,310	*	11,947
103 MGMT OF SALINE SOIL	6	1.2	7,152	108,837	*	0
104 ALTERN USE OF LAND	62	17.2	273,284	1,486,599	*	27,293
105 CONSERV USE OF WATE	67	14.4	113,036	1,319,723	*	12,505
106 DRAIN AND IRRIGATIO	38	9.9	136,514	1,076,192	*	69,975
107 WATERSHED PROT & MG	45	12.2	225,350	1,361,791	*	110,643
108 ECON LEG PROB OF WA	16	7.5	116,361	431,740	*	2,046
109 WEATHER ADAPT & MOD	47	14.8	364,606	1,494,460	*	9,552
110 APPRAIS FORST & RAN	38	6.4	127,308	461,858	*	26,820
111 BIOL CULT MGMT FORS	103	27.8	624,896	2,547,626	*	107,637
112 IMPROV RANGE RESOR	29	9.1	73,260	614,964	*	14,476
113 REMOTE SENSING	24	3.0	59,929	582,856	*	111,651
114 RSCH ON MGMT OF RSC	9	3.1	30,469	210,526	*	34,617
SUBTOTAL	746	206.4	3,390,583	20,018,991	*	553,444
SERIES 200						
201 CNTRL FORST INSECTS	39	8.6	195,856	653,061	*	70,996
202 CONTROL FOREST DIS	38	6.5	197,253	584,230	*	20,027
203 FOREST FIRE PROTECT	2	0.3	0	30,413	*	0
204 CNTR PESTS FRT & VE	58	12.7	202,935	1,285,079	*	59,993
205 CNTR DISE FRT & VEG	121	32.1	491,791	2,409,077	*	80,292
206 CNTR WEEDS FRT & VE	27	5.5	112,072	596,179	*	1,215
207 CNTR PESTS FLD CROP	124	42.3	898,088	3,851,052	*	417,336
208 CNTR DIS FIELD CROP	207	66.9	1,285,805	5,457,325	*	94,020
209 CNTR WEEDS FLD CROP	79	20.8	343,635	2,550,352	*	39,705
210 CONTR PESTS ANIMALS	27	5.3	67,364	413,191	*	21,707
211 CONTR DIS ANIMALS	174	64.8	1,274,871	7,438,798	*	529,612
212 CNTR INTER PARASITE	22	5.9	90,115	675,245	*	0
213 PROT ANMLS FROM TOX	33	5.1	137,954	860,720	*	776
214 PROTECT FROM POLLUT	76	14.0	237,155	1,328,125	*	21,490
SUBTOTAL	1027	290.7	5,534,894	28,132,846	*	1,357,169
SERIES 300						
301 GENET BREED FORST T	42	9.8	375,655	1,121,208	*	11,255
302 IMP FOREST ENG SYS	4	1.2	28,592	65,659	*	0
303 ECON TIMBER PRODUCT	12	2.2	45,906	195,669	*	6,962
304 IMP BIO EFF FRT & V	179	54.8	953,768	5,623,687	*	102,171
305 MECH PRCD FRT & VEG	18	5.6	144,866	494,575	*	12,621
306 PROD MGMT SYS F & V	20	2.4	63,154	264,106	*	0
307 IMP BIO EFF FLD CRP	456	194.9	3,132,690	19,982,345	*	754,629
308 MECH PROD FIELD CRO	30	6.3	129,271	778,027	*	27,425
309 PROD MGMT SYS FLD C	78	16.8	361,565	1,638,296	*	51,325
310 ANIMAL REPRODUCTION	133	48.5	1,136,442	6,653,882	*	295,101
311 IMP BIO EFF ANML PR	384	158.9	4,363,693	28,072,553	*	355,062
312 ENV STRESS IN ANML	51	15.7	403,223	2,128,404	*	61,730
313 PROD MGMT SYS ANML	97	20.7	517,499	3,228,902	*	37,745
314 BEES OTH POLLNTNG I	10	3.9	10,293	232,675	*	0
315 IMP STRUC FARM SUPP	50	17.2	238,221	1,473,114	*	111,429
316 FARM BUSINESS MGMT	55	13.7	267,376	950,672	*	21,165
317 MECH/STRUCTS ANML P	26	4.0	89,344	427,778	*	62,037
318 NON-COM BIO TECH/BI	314	125.2	1,387,507	12,308,307	*	57,217
SUBTOTAL	1959	701.6	13,649,064	85,639,858	*	1,967,874
SERIES 400						
401 NEW IMP FOREST PROD	27	22.4	303,239	1,540,597	*	98,671
402 PROD F & V IMP ACCE	43	10.6	196,540	852,084	*	2,741
403 NEW & IMP F&V PROD	32	6.3	213,092	747,251	*	1,086
404 MKT QUAL FRTS & VEG	31	6.4	220,481	681,107	*	24,820
405 PROD FLD CROP IMP A	76	24.1	482,349	1,817,057	*	37,951
406 NEW IMP FOOD FLD CR	71	21.2	478,454	1,944,217	*	57,720
407 NEW IMP NON-FOOD FC	16	5.7	64,790	404,661	*	0
408 MKT QUAL FIELD CROP	45	10.6	201,826	944,298	*	123,918
409 PROD ANML PR IMP AC	55	14.9	622,188	2,193,313	*	126,876
410 IMP MEAT MILK EGG P	103	31.2	705,943	2,936,241	*	6,115
411 IMP NON-FOOD ANML P	3	0.8	2,222	19,082	*	0
412 MKT QUAL ANIMAL PRO	43	8.9	273,925	836,604	*	6,168
SUBTOTAL	545	163.3	3,765,048	14,916,512	*	486,065
SERIES 500						
501 IMP GRADES & STANDS	11	3.5	71,186	240,328	*	0
502 MKTG TIMBER PRODUCT	2	0.5	5,388	34,214	*	12,339
503 MKTG EFF AGRI PRODS	74	15.9	492,003	1,470,773	*	186,466
506 SPLY DEMAND AND PRI	35	7.5	225,197	792,451	*	61,030
507 COMP REL IN AGRIC	17	3.5	116,647	370,442	*	54,581
508 DOMESTIC MKT DEVELP	5	0.7	19,360	73,924	*	0
509 PERFORMANCE MKTG SY	50	14.3	450,654	1,162,022	*	142,103
510 GROUP ACT MKT POWER	14	2.4	56,200	173,364	*	30,471
511 IMP AGRIC STATISTIC	17	4.6	44,607	714,963	*	392,917
512 IMP GRADES FRST PRO	3	0.2	2,199	38,644	*	32,452
513 PRICE ANAL FRST PRO	5	0.8	18,562	77,700	*	13,388
SUBTOTAL	233	53.8	1,502,002	5,148,824	*	925,747
SERIES 600						
601 FGN MKT DEVELP	28	6.0	235,590	486,082	*	33,252
602 EVAL FGN FOOD AID P	2	0.2	4,472	12,365	*	0
603 TECH AID DEV CNTY	24	9.6	3,042	471,833	*	125,330
SUBTOTAL	54	15.8	243,104	970,280	*	158,582
SERIES 700						
701 TOX RES IN FOOD	42	10.8	197,099	808,585	*	161,770
702 FOOD PRCT FROM TOX	66	17.3	389,348	1,850,832	*	1,115
703 FOOD CONSUMP HABITS	58	8.5	165,843	652,254	*	185,124
704 HOME COMM FOOD SERV	27	5.8	146,661	480,898	*	24
705 SEL CARE CLOTH & TE	21	6.8	148,694	452,254	*	0
706 CONTR INSECTS AFF H	19	7.0	111,731	712,092	*	88,211
707 TRANS ANIML MAN DI	15	2.5	15,732	357,143	*	0
708 HUMAN NUTRITION	111	25.8	504,255	3,141,919	*	396,221
709 REDUCE HAZ HLTH & S	18	3.7	62,386	209,764	*	8,636
SUBTOTAL	377	88.1	1,741,749	8,665,741	*	841,101

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 800						
801 RURAL HOUSING	22	4.4	49,213	258,720	*	0
802 INDIV & FAM DEC MAK	65	14.8	287,985	1,160,485	*	32
803 RURAL POVERTY	4	0.4	11,767	31,286	*	894
804 ECON POTENT RURL PE	27	9.4	276,756	559,840	*	2,454
805 COMMUNICAT RURAL PE	40	11.7	134,661	949,257	*	31,122
806 ADJUSTMENT TO CHANG	60	14.8	347,793	1,072,734	*	4,486
807 AGRIC ECONOMIC CHAN	55	13.9	336,255	1,183,048	*	120,903
808 GOV'T PROGRAMS	19	3.6	51,991	258,218	*	27,371
SUBTOTAL	292	72.8	1,496,421	5,469,588	*	187,262
SERIES 900						
901 ALLEV POLLUTION	194	47.3	975,844	5,463,547	*	181,022
902 OUTDOOR RECREATION	52	11.8	253,115	1,102,935	*	11,607
903 MULTI-USE-FOREST PO	16	4.3	48,409	275,368	*	4,486
904 WLDLFE AND FISH ECO	105	22.4	198,159	2,511,128	*	8,176
905 TREES BEAUTIFICATIO	36	5.8	77,083	674,593	*	2,808
906 ORNAMENT & TURF DEV	118	38.7	502,543	3,340,785	*	35,947
907 RURAL INCOME IMP	36	8.3	175,881	690,605	*	48,186
908 RURAL INSTITUT IMP	83	22.9	554,380	1,727,402	*	56,846
990 UNCLASSIFIED	16	24.2	68,188	6,221,384	*	408,981
SUBTOTAL	656	185.7	2,853,602	22,007,747	*	758,057
SCIENCE IN SERV OF MAN						
GRAND TOTAL	5889	1778.3	34,176,466	190,970,387	*	7,235,302

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - SAES REGION & WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	319	113.7	1,395,506	11,121,917	*	702,318
0200 WATER	207	63.3	740,120	6,339,932	*	397,531
0300 WATERSHEDS RIVER BAS	36	11.2	87,172	1,017,148	*	275,214
0400 AIR AND CLIMATE	45	16.3	142,174	1,579,312	*	108,819
0500 RECREATION RESOURCES	53	15.9	270,263	1,394,258	*	127,739
0600 TIMBER FORST PRODUCT	390	141.8	1,729,520	13,508,868	*	1,372,193
0700 RANGE	164	43.8	482,178	3,893,159	*	225,568
0800 WILDLIFE AND FISH	162	49.5	314,438	6,321,543	*	314,462
0900 CITRUS SUB TROP FRUT	147	57.1	494,293	5,953,543	*	129,424
1000 FRUIT NUTS DECIDUOUS	276	102.8	1,135,500	10,376,038	*	101,167
1100 POTATOES	90	32.2	280,327	3,082,405	*	65,561
1200 VEGETABLES	350	97.7	1,260,184	10,258,746	*	443,412
1300 ORNAMENTALS TURF	131	42.0	217,688	3,602,718	*	101,064
1400 CORN	58	11.9	111,894	993,339	*	15,288
1500 GRAIN SORGHUM	29	4.1	34,782	370,002	*	3,489
1600 RICE	15	4.8	22,191	575,483	*	42,464
1700 WHEAT	167	40.9	529,428	4,196,894	*	182,140
1800 OTHER SMALL GRAINS	126	23.5	322,432	2,301,421	*	70,535
1900 PASTURE	27	4.6	18,005	440,210	*	0
2000 FORAGE CROPS	230	62.0	755,273	5,603,968	*	203,071
2100 COTTON	84	28.6	334,241	2,892,294	*	80,910
2200 COTTONSEED	4	1.4	16,750	112,262	*	4,458
2300 SOYBEANS	29	5.7	52,334	1,149,122	*	112,641
2400 PEANUTS	5	2.4	546	128,213	*	10,468
2500 OTHER OILSEED CROPS	31	6.8	54,498	1,015,393	*	63,563
2600 TOBACCO	1	0.3	16,961	43,559	*	0
2700 SUGAR CROPS	70	13.8	143,854	1,220,186	*	23,897
2800 MISC NEW CROPS	43	10.7	88,836	1,662,305	*	32,414
2900 POULTRY	85	33.6	535,377	3,530,456	*	8,284
3000 BEEF CATTLE	262	112.3	2,431,650	13,731,948	*	281,868
3100 DAIRY CATTLE	133	35.7	686,829	4,389,299	*	46,265
3200 SWINE	37	6.5	89,507	1,101,705	*	14,773
3300 SHEEP AND WOOL	100	32.6	666,219	3,308,206	*	14,453
3400 OTHER ANIMALS	67	18.5	207,089	1,912,078	*	4,499
3500 BEES AND HONEY	23	10.0	143,903	706,719	*	7,035
3600 FARM SUPP & FACILITS	18	3.3	38,404	222,612	*	4,642
3700 CLOTHING & TEXTILES	16	3.1	40,925	223,115	*	0
3800 FOOD	106	31.6	445,314	3,161,931	*	136,742
3900 HOUSING & EQUIP	50	12.4	83,745	1,099,939	*	130,498
4000 PEOPLE AS INDIVIDUAL	151	39.1	484,834	3,800,993	*	332,802
4100 FAMILY MEMBERS	36	8.5	223,944	637,182	*	37,091
4200 FARM AS BUSINESS	34	15.4	144,444	1,354,559	*	33,919
4300 SOC POLIT ORGANIZ	79	25.6	383,632	1,763,325	*	39,696
4400 AGRIC ECONOMY U S	26	6.8	101,910	457,334	*	16,899
4500 AGRIC ECONOMY FORGN	6	1.9	22,892	183,474	*	16,336
4600 FARM COOPERATIVES	11	1.6	11,453	76,462	*	2,228
4700 OTH MARKET PROCESS	9	1.1	15,981	55,129	*	0
4800 MARKETING SYSTEMS	18	3.9	43,555	338,964	*	17,823
6100 WEEDS	19	7.0	62,607	551,749	*	18,831
6200 SEED RESEARCH	9	3.6	34,744	216,431	*	0
6300 BIO CELL SYSTEMS	45	19.8	69,940	1,742,202	*	12,940
6400 EXP DESIGN/STAT METH	16	5.0	19,259	504,599	*	68,861
6500 INVERTEBRATES	109	51.5	271,902	4,893,727	*	74,895
6600 MICROORGANISMS,VIRUS	60	18.3	145,131	2,067,233	*	0
6700 PLANTS	226	68.2	707,371	7,000,324	*	237,680
6800 ANIMALS(VERTEBRATES)	89	45.5	216,328	4,441,673	*	208,902
6900 RESEARCH ON RSCH MGM	8	1.9	5,565	325,525	*	75,354
7000 RSCH EQUIP & TECHNOL	31	9.2	16,736	1,166,052	*	62,447
9900 UNCLASSIFIED	17	23.9	86,754	1,366,418	*	128,023
TOTAL	5185	1666.4	19,489,326	167,485,601	*	7,243,597

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- SAES REGION 4 WESTERN REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	(INCLUDES SAES-FORESTRY SCH-OTHER INST) USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	59	20.9	268,827	1,928,039	*	102,421
102 SOIL PLNT WTR NUTRI	133	44.2	433,448	3,885,782	*	181,525
103 MGMT OF SALINE SOIL	39	10.1	121,811	1,175,994	*	75,615
104 ALTERN USE OF LAND	52	18.7	319,737	1,679,115	*	179,435
105 CONSERV USE OF WATE	93	25.6	304,885	2,305,516	*	112,520
106 DRAIN AND IRRIGATIO	47	11.7	98,722	1,214,572	*	47,647
107 WATERSHED PROT & MG	55	19.0	128,455	2,422,990	*	396,711
108 ECON LEG PROB OF WA	9	2.3	22,510	247,434	*	34,230
109 WEATHER ADAPT & MOD	39	13.9	210,691	1,285,978	*	46,559
110 APPRAIS FORST & RAN	44	10.0	164,868	808,908	*	80,364
111 BIOL CULT MGMT FORS	117	34.5	565,777	4,007,811	*	434,133
112 IMPROV RANGE RESOR	108	27.2	220,209	2,614,752	*	137,800
113 REMOTE SENSING	11	4.1	32,348	382,064	*	65,917
114 RSCH ON MGMT OF RSC	8	1.9	5,565	325,525	*	75,354
SUBTOTAL	814	244.3	2,897,853	24,284,479	*	1,970,232
SERIES 200						
201 CNTRL FORST INSECTS	62	17.7	171,253	1,455,904	*	249,580
202 CONTROL FOREST DIS	38	9.4	163,855	894,556	*	83,048
203 FOREST FIRE PROTECT	7	0.9	4,957	90,936	*	15,404
204 CNTR PESTS FRT & VE	119	43.4	549,444	4,476,269	*	116,687
205 CNTR DISE FRT & VEG	204	62.4	734,991	6,719,789	*	100,738
206 CNTR WEEDS FRT & VE	51	11.6	129,984	1,107,624	*	37,225
207 CNTR PESTS FLD CROP	104	37.4	429,344	3,126,044	*	94,059
208 CNTR DIS FIELD CROP	119	32.4	503,381	3,307,647	*	76,460
209 CNTR WEEDS FLD CROP	64	18.2	218,120	1,439,812	*	49,869
210 CONTR PESTS ANIMALS	19	3.6	40,611	264,395	*	2,330
211 CONTR DIS ANIMALS	89	65.2	800,965	5,904,628	*	278,621
212 CNTR INTER PARASITE	19	7.5	253,318	580,846	*	888
213 PROT ANMLS FROM TOX	20	4.1	59,446	385,955	*	34,186
214 PROTECT FROM POLLUT	71	19.1	145,214	2,413,151	*	133,370
SUBTOTAL	986	333.0	4,204,881	32,167,556	*	1,272,463
SERIES 300						
301 GENET BREED FORST T	28	8.8	89,345	803,840	*	110,327
302 IMP FOREST ENG SYS	16	5.2	51,065	410,084	*	12,367
303 ECON TIMBER PRODUCT	20	5.1	63,715	485,878	*	79,324
304 IMP BIO EFF FRT & V	279	100.2	900,778	10,127,900	*	150,087
305 MECH PROD FRT & VEG	41	11.9	111,219	1,127,144	*	31,793
306 PROD MGMT SYS F & V	27	4.4	27,301	448,201	*	40,924
307 IMP BIO EFF FLD CRP	306	106.6	993,049	11,619,001	*	491,973
308 MECH PROD FIELD CRO	16	3.6	21,503	451,980	*	9,990
309 PROD MGMT SYS FLD C	30	7.7	101,346	700,205	*	33,380
310 ANIMAL REPRODUCTION	85	36.2	780,826	4,189,439	*	106,065
311 IMP BIO EFF ANML PR	190	77.5	1,122,038	11,939,272	*	33,178
312 ENV STRESS IN ANML	31	11.0	138,090	1,372,518	*	10,922
313 PROD MGMT SYS ANML	36	11.1	200,688	1,445,847	*	28,916
314 BEES OTH POLLNTNG I	23	10.0	143,903	706,719	*	7,035
315 IMP STRUC FARM SUPP	10	3.8	5,048	308,310	*	88,142
316 FARM BUSINESS MGMT	21	11.3	101,433	857,817	*	21,728
317 MECH/STRUCTS ANML P	5	0.9	23,396	116,148	*	0
318 NON-COM BIO TECH/BI	316	138.0	874,540	13,401,139	*	125,021
SUBTOTAL	1480	553.5	5,749,281	60,511,443	*	1,381,173
SERIES 400						
401 NEW IMP FOREST PROD	73	31.7	289,751	2,323,658	*	158,711
402 PROD F & V IMP ACCE	73	13.0	131,304	1,676,651	*	15,789
403 NEW & IMP F&V PROD	58	21.3	199,496	2,127,320	*	127,610
404 MKT QUAL FRTS & VEG	60	18.1	238,297	2,000,206	*	10,110
405 PROD FLD CROP IMP A	46	12.9	252,600	1,532,495	*	23,080
406 NEW IMP FOOD FLD CR	20	3.3	80,525	424,597	*	0
407 NEW IMP NON-FOOD FC	6	0.9	10,090	157,747	*	0
408 MKT QUAL FIELD CROP	12	2.0	21,442	232,454	*	13,337
409 PROD ANML PR IMP AC	33	9.9	380,399	1,437,449	*	531
410 IMP MEAT MILK EGG P	33	10.3	185,932	934,260	*	0
411 IMP NON-FOOD ANML P	7	1.5	29,106	141,432	*	0
412 MKT QUAL ANIMAL PRO	22	4.7	125,800	463,127	*	14,080
SUBTOTAL	443	129.5	1,944,742	13,451,395	*	363,247
SERIES 500						
501 IMP GRADES & STANDS	9	3.7	68,723	190,701	*	0
502 MKTG TIMBER PRODUCT	5	1.2	4,367	131,690	*	17,612
503 MKTG EFF AGRI PRODS	37	9.3	222,932	497,595	*	14,802
506 SPLY DEMAND AND PRI	33	8.9	249,046	620,305	*	14,109
507 COMP REL IN AGRIC	9	2.7	51,486	105,772	*	5,767
508 DOMESTIC MKT DEVELP	13	1.6	40,261	133,777	*	2,363
509 PERFORMANCE MKTG SY	26	7.8	162,156	455,360	*	20,116
510 GROUP ACT MKT POWER	8	1.5	6,890	59,462	*	383
511 IMP AGRIC STATISTIC	5	2.7	6,930	181,407	*	64,932
512 IMP GRADES FRST PRO	11	4.0	20,721	260,604	*	49,366
513 PRICE ANAL FRST PRO	10	2.9	73,895	279,320	*	27,325
SUBTOTAL	166	46.1	907,407	2,915,993	*	216,775
SERIES 600						
601 FGN MKT DEVELP	12	3.0	53,991	315,303	*	45,842
603 TECH AID DEV CRTY	13	3.4	13,569	214,490	*	36,922
604 PRD DVLPMT/MKTG FRG	3	0.2	2,044	12,183	*	3,491
SUBTOTAL	28	6.6	69,604	541,975	*	86,255
SERIES 700						
701 TOX RES IN FOOD	55	19.2	184,343	1,920,010	*	315,720
702 FOOD PROT FROM TOX	46	16.8	240,658	1,895,671	*	5,048
703 FOOD CONSUMP HABITS	32	7.3	118,653	630,354	*	9,587
704 HOME COMM FOOD SERV	8	2.2	32,369	181,369	*	74,556
705 SEL CARE CLOTH & TE	14	2.8	31,940	202,025	*	0
706 CONTR INSECTS AFF M	35	12.8	82,001	1,221,220	*	10,925
707 TRANS ANIML MAN DI	2	0.6	252	19,762	*	0
708 HUMAN NUTRITION	69	31.7	271,615	3,211,361	*	282,724
709 REDUCE HAZ HLTH & S	10	2.6	28,101	180,222	*	723
SUBTOTAL	271	95.9	989,931	9,461,994	*	699,283

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- SAES REGION & WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
SERIES 800						
801 RURAL HOUSING	5	0.8	10,499	58,340	*	289
802 INDIV & FAM DEC MAK	43	5.9	186,260	516,235	*	20,179
803 RURAL POVERTY	7	0.8	22,521	65,379	*	14,043
804 ECON POTENT RURL PE	21	3.8	58,921	348,898	*	16,414
805 COMMUNICAT RURAL PE	27	3.5	62,151	463,307	*	1,893
806 ADJUSTMENT TO CHANG	35	8.6	189,320	600,873	*	48,350
807 AGRIC ECONOMIC CHAN	30	10.1	138,855	884,961	*	17,211
808 GOV'T PROGRAMS	9	1.2	11,713	63,389	*	3,210
SUBTOTAL	177	34.7	680,239	3,001,381	*	121,591
SERIES 900						
901 ALLEV POLLUTION	146	59.1	701,513	6,416,738	*	371,338
902 OUTDOOR RECREATION	53	15.6	266,751	1,378,516	*	121,865
903 MULTI-USE-FOREST PO	17	3.8	36,420	211,067	*	16,759
904 WLDLFE AND FISH ECO	140	43.1	280,609	5,580,182	*	314,661
905 TREES BEAUTIFICATIO	33	12.1	110,106	1,134,070	*	41,299
906 ORNAMENT & TURF DEV	126	40.1	195,499	3,372,577	*	100,831
907 RURAL INCOME IMP	36	7.2	116,190	555,734	*	14,043
908 RURAL INSTITUT IMP	46	18.0	251,547	1,134,083	*	23,760
990 UNCLASSIFIED	17	23.9	86,754	1,366,418	*	128,023
SUBTOTAL	614	222.8	2,045,389	21,149,384	*	1,132,578
SCIENCE IN SERV OF MAN GRAND TOTAL	4979	1666.4	19,489,326	167,485,601	*	7,243,597

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1127	361.0	5,511,596	34,222,516	*	1,137,923
0200 WATER	702	189.7	2,471,794	17,289,369	*	615,745
0300 WATERSHEDS RIVER BAS	112	30.9	461,965	2,848,743	*	254,742
0400 AIR AND CLIMATE	143	41.5	643,662	3,588,728	*	120,447
0500 RECREATION RESOURCES	161	43.2	958,397	3,280,287	*	116,808
0600 TIMBER FORST PRODUCT	914	339.2	7,494,961	29,281,119	*	1,607,442
0700 RANGE	261	69.3	863,122	6,357,681	*	291,905
0800 WILDLIFE AND FISH	546	163.1	1,844,485	17,067,916	*	224,749
0900 CITRUS SUB TROP FRUT	283	131.2	1,043,406	11,770,109	*	191,717
1000 FRUIT NUTS DECIDUOUS	1012	344.1	5,023,390	31,581,421	*	566,334
1100 POTATOES	288	89.1	1,457,404	8,001,927	*	173,948
1200 VEGETABLES	1292	422.0	6,255,341	36,394,214	*	1,056,765
1300 ORNAMENTALS TURF	605	209.8	2,633,656	17,398,939	*	201,477
1400 CORN	814	184.5	3,970,655	18,348,803	*	726,875
1500 GRAIN SORGHUM	300	54.4	799,554	4,690,659	*	87,780
1600 RICE	109	38.2	305,884	3,467,053	*	75,669
1700 WHEAT	601	140.3	2,164,232	12,661,005	*	433,088
1800 OTHER SMALL GRAINS	381	76.6	1,294,933	7,019,377	*	186,683
1900 PASTURE	173	36.2	474,622	3,931,022	*	250,981
2000 FORAGE CROPS	881	249.9	4,845,720	23,535,905	*	684,753
2100 COTTON	363	118.0	2,040,979	11,872,784	*	652,303
2200 COTTONSEED	17	3.4	51,159	265,246	*	22,901
2300 SOYBEANS	781	203.2	4,091,714	20,312,820	*	1,048,034
2400 PEANUTS	143	40.8	427,810	4,284,072	*	169,778
2500 OTHER OILSEED CROPS	88	20.3	240,937	2,056,781	*	80,663
2600 TOBACCO	166	59.5	890,647	6,227,624	*	54,982
2700 SUGAR CROPS	173	59.6	1,005,652	5,069,978	*	29,661
2800 MISC NEW CROPS	112	29.0	399,382	2,983,876	*	52,107
2900 POULTRY	687	248.8	5,821,262	25,539,397	*	373,407
3000 BEEF CATTLE	1159	391.0	9,910,448	56,856,531	*	1,445,932
3100 DAIRY CATTLE	982	310.3	7,917,065	39,291,848	*	545,219
3200 SWINE	500	159.3	3,684,592	21,104,278	*	477,352
3300 SHEEP AND WOOL	321	74.5	1,750,914	8,905,193	*	63,082
3400 OTHER ANIMALS	372	90.2	1,500,034	8,867,752	*	119,056
3500 BEES AND HONEY	45	17.9	239,327	1,225,361	*	16,209
3600 FARM SUPP & FACILITS	93	25.3	371,878	2,115,664	*	41,130
3700 CLOTHING & TEXTILES	65	14.7	341,683	1,020,242	*	15,761
3800 FOOD	464	133.2	3,187,699	12,813,247	*	287,067
3900 HOUSING & EQUIP	214	53.3	790,064	4,608,180	*	483,808
4000 PEOPLE AS INDIVIDUAL	628	170.5	3,015,565	13,892,157	*	582,089
4100 FAMILY MEMBERS	193	58.1	995,035	3,602,972	*	37,123
4200 FARM AS BUSINESS	198	66.0	1,131,033	4,434,958	*	167,503
4300 SOC POLIT ORGANIZ	399	125.9	2,980,977	8,805,389	*	436,217
4400 AGRIC ECONOMY U S	104	31.3	592,973	2,409,845	*	212,789
4500 AGRIC ECONOMY FORGN	29	11.5	79,257	663,950	*	119,631
4600 FARM COOPERATIVES	44	7.1	187,808	485,055	*	27,194
4700 OTH MARKET PROCESS	42	7.4	161,920	540,608	*	31,156
4800 MARKETING SYSTEMS	108	31.5	689,118	2,033,435	*	330,807
6100 WEEDS	51	12.5	204,329	1,119,487	*	20,831
6200 SEED RESEARCH	30	10.4	124,118	899,999	*	5,351
6300 BIO CELL SYSTEMS	217	81.5	798,135	7,840,011	*	19,036
6400 EXP DESIGN/STAT METH	65	25.4	186,131	2,317,405	*	519,736
6500 INVERTEBRATES	248	106.6	819,381	9,178,762	*	239,319
6600 MICROORGANISMS,VIRUS	234	85.9	835,875	8,376,238	*	46,967
6700 PLANTS	659	212.0	2,849,190	20,984,545	*	1,435,127
6800 ANIMALS(VERTEBRATES)	336	116.8	1,276,094	11,727,447	*	390,525
6900 RESEARCH ON RSCH MGM	23	8.9	96,269	815,217	*	109,971
7000 RSCH EQUIP & TECHNOL	105	25.9	302,433	2,767,442	*	177,434
9900 UNCLASSIFIED	53	112.4	771,559	17,845,402	*	710,165
TOTAL	21216	6574.0	113,279,227	648,897,991	*	20,603,252

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	201	72.6	978,893	6,691,324	*	136,387
102 SOIL PLNT WTR NUTRI	529	158.0	2,399,132	14,743,942	*	174,665
103 MGMT OF SALINE SOIL	58	17.1	180,261	1,698,772	*	87,460
104 ALTERN USE OF LAND	174	52.9	881,505	4,477,574	*	248,332
105 CONSERV USE OF WATE	245	54.8	667,711	4,750,179	*	239,499
106 DRAIN AND IRRIGATIO	121	31.7	338,539	2,999,234	*	125,727
107 WATERSHED PROT & MG	138	39.1	678,502	4,934,399	*	493,317
108 ECON LEG PROB OF WA	40	15.5	208,463	1,004,294	*	47,806
109 WEATHER ADAPT & MOD	123	35.5	655,383	3,157,771	*	63,377
110 APPRAIS FORST & RAN	98	21.2	394,286	1,577,397	*	106,326
111 BIOL CULT MGMT FORS	258	83.8	2,078,258	7,191,354	*	272,913
112 IMPROV RANGE RESOR	170	44.7	503,129	4,400,151	*	144,284
113 REMOTE SENSING	42	10.9	140,978	1,252,722	*	168,888
114 RSCH ON MGMT OF RSC	23	8.9	96,269	815,217	*	109,971
SUBTOTAL	2220	646.5	10,201,311	59,694,330	*	2,418,952
SERIES 200						
201 CNTRL FORST INSECTS	159	47.0	909,105	4,449,088	*	440,962
202 CONTROL FOREST DIS	111	33.7	773,903	2,714,569	*	154,105
203 FOREST FIRE PRCTECT	9	0.6	9,066	84,687	*	10,128
204 CNTR PESTS FRT & VE	374	128.0	1,684,090	11,457,070	*	440,034
205 CNTR DISE FRT & VEG	665	218.5	2,666,206	18,260,899	*	460,617
206 CNTR WEEDS FRT & VE	162	43.8	709,134	3,822,389	*	65,458
207 CNTR PESTS FLD CROP	482	167.7	3,305,723	15,149,490	*	974,642
208 CNTR DIS FIELD CROP	667	205.6	3,821,157	17,696,522	*	422,572
209 CNTR WEEDS FLD CROP	290	84.9	1,480,510	9,041,241	*	200,323
210 CONTR PESTS ANIMALS	104	29.5	505,702	2,425,026	*	266,282
211 CONTR DIS ANIMALS	446	222.7	3,891,884	21,732,370	*	1,192,213
212 CNTR INTER PAPASITE	90	32.5	633,662	3,094,050	*	4,885
213 PROT ANMLS FROM TOX	87	16.8	355,648	2,310,665	*	43,016
214 PROTECT FROM POLLUT	236	52.3	867,382	5,745,124	*	367,460
SUBTOTAL	3882	1283.6	21,613,171	117,983,191	*	5,042,697
SERIES 300						
301 GENET BREED FORST T	89	27.1	1,012,851	3,250,392	*	72,346
302 IMP FOREST ENG SYS	20	8.4	138,055	629,297	*	3,916
303 ECON TIMBER PRODUCT	30	12.4	221,062	1,131,072	*	109,011
304 IMP BIO EFF FRT & V	978	343.7	4,175,683	31,928,164	*	346,605
305 MECH PROD FRT & VEG	155	42.6	608,904	3,755,231	*	61,903
306 PROD MGMT SYS F & V	86	21.3	266,668	1,757,159	*	61,245
307 IMP BIO EFF FLD CRP	1564	613.2	9,446,697	64,082,559	*	2,082,387
308 MECH PROD FIELD CRO	113	30.2	523,543	3,244,067	*	134,807
309 PROD MGMT SYS FLD C	233	56.0	1,065,765	5,463,604	*	178,415
310 ANIMAL REPRODUCTION	425	175.1	4,031,565	22,916,368	*	380,967
311 IMP BIO EFF ANML PR	1200	457.7	11,268,324	71,931,352	*	569,786
312 ENV STRESS IN ANML	170	54.9	1,042,923	5,753,977	*	99,077
313 PROD MGMT SYS ANML	273	66.6	1,507,631	9,608,928	*	143,860
314 BEES OTH POLLNTNG I	45	17.9	239,327	1,225,361	*	16,209
315 IMP STRUC FARM SUPP	111	36.4	480,978	3,327,730	*	399,962
316 FARM BUSINESS MGMT	155	53.5	931,243	3,468,318	*	137,202
317 MECH/STRUCTS ANML P	70	16.0	246,693	1,342,366	*	90,957
318 NON-COM BIO TECH/BI	1018	422.0	3,904,237	39,226,016	*	289,192
SUBTOTAL	6735	2454.8	41,112,151	274,041,962	*	5,177,847
SERIES 400						
401 NEW IMP FOREST PROD	116	66.1	1,100,531	4,591,665	*	260,452
402 PROD F & V IMP ACCE	246	49.2	696,097	4,753,781	*	26,913
403 NEW & IMP F&V PROD	194	64.8	1,131,190	6,151,581	*	129,536
404 MKT QUAL FRTS & VEG	192	55.2	1,473,562	5,390,748	*	97,411
405 PROD FLD CROP IMP A	233	67.2	1,225,405	5,939,302	*	106,105
406 NEW IMP FOOD FLD CR	132	36.9	782,763	3,366,348	*	78,806
407 NEW IMP NON-FOOD FC	40	14.8	259,658	1,166,934	*	237
408 MKT QUAL FIELD CROP	82	21.4	343,555	1,712,379	*	137,386
409 PROD ANML PR IMP AC	151	40.9	1,594,047	5,629,309	*	111,600
410 IMP MEAT MILK EGG P	270	85.6	2,108,550	8,322,982	*	21,189
411 IMP NON-FOOD ANML P	19	4.3	50,958	328,568	*	0
412 MKT QUAL ANIMAL PRO	122	29.8	838,282	2,847,746	*	31,855
SUBTOTAL	1797	536.2	11,604,598	50,201,341	*	1,001,488
SERIES 500						
501 IMP GRADES & STANDS	61	19.1	455,861	1,548,805	*	11,605
502 MKTG TIMBER PRODUCT	19	5.1	83,520	548,537	*	29,293
503 MKTG EFF AGRI PRODS	224	54.3	1,601,664	3,914,774	*	408,674
506 SPLY DEMAND AND PRI	165	40.7	1,401,897	3,270,596	*	127,802
507 COMP REL IN AGRIC	59	11.8	286,118	774,051	*	79,647
508 DOMESTIC MKT DEVELP	52	9.2	212,750	603,592	*	2,381
509 PERFORMANCE MKTG SY	165	52.7	1,333,286	3,235,356	*	326,519
510 GROUP ACT MKT POWER	35	6.2	104,568	379,345	*	31,654
511 IMP AGRIC STATISTIC	31	8.4	75,272	968,099	*	457,849
512 IMP GRADES FRST PRO	10	2.6	26,959	190,410	*	71,627
513 PRICE ANAL FRST PRO	16	3.6	90,642	263,595	*	22,876
SUBTOTAL	837	213.7	5,672,536	15,697,161	*	1,569,927
SERIES 600						
601 FGN MKT DEVELP	55	13.1	382,735	1,042,255	*	79,226
602 EVAL FGN FOOD AID P	3	0.3	4,472	16,667	*	0
603 TECH AID DEV CRTY	48	19.6	4,933	916,785	*	192,047
604 PRD DVLPMT/MKTG FRG	8	0.6	11,921	51,801	*	3,491
SUBTOTAL	114	33.5	404,061	2,027,509	*	274,764
SERIES 700						
701 TOX RES IN FOOD	169	59.7	1,037,199	5,579,010	*	1,387,199
702 FOOD PROT FROM TOX	192	58.7	1,228,315	6,199,565	*	31,097
703 FOOD CONSUMP HABITS	140	27.5	637,565	2,159,583	*	58,874
704 HOME COMM FOOD SERV	47	11.5	239,288	882,613	*	76,406
705 SEL CARE CLOTH & TE	60	13.9	321,149	952,679	*	15,761
706 CONTR INSECTS AFF M	113	42.1	476,961	3,375,143	*	174,996
707 TRANS ANIML MAN DI	29	6.8	46,764	695,857	*	13,392
708 HUMAN NUTRITION	309	94.4	1,795,589	9,563,831	*	492,175
709 REDUCE HAZ HLTH & S	49	12.0	204,196	882,916	*	12,020
SUBTOTAL	1108	326.5	5,987,026	30,291,198	*	2,261,921

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 800						
801 RURAL HOUSING	50	14.2	256,135	859,566	*	289
802 INDIV & FAM DEC MAK	165	46.4	774,953	2,929,697	*	21,528
803 RURAL POVERTY	26	6.3	144,526	358,448	*	14,938
804 ECON POTENT RURL PE	86	23.3	606,608	1,690,921	*	41,024
805 COMMUNICAT RURAL PE	114	29.3	344,191	2,545,413	*	3,341
806 ADJUSTMENT TO CHANG	147	40.0	963,192	2,617,799	*	58,338
807 AGRIC ECONOMIC CHAN	124	34.6	649,627	2,633,171	*	164,963
808 GOV'T PROGRAMS	35	6.8	109,855	481,707	*	30,581
SUBTOTAL	747	200.9	3,848,687	14,116,722	*	335,002
SERIES 900						
901 ALLEV POLLUTION	638	226.5	3,576,488	21,448,512	*	789,337
902 OUTDOOR RECREATION	140	39.3	853,443	2,970,956	*	109,468
903 MULTI-USE-FOREST PO	61	14.2	336,738	1,057,075	*	43,114
904 WLDLFE AND FISH ECO	461	138.3	1,491,770	14,423,740	*	205,836
905 TREES BEAUTIFICATIO	96	25.3	366,902	2,273,601	*	13,693
906 ORNAMENT & TURF DEV	588	203.2	2,573,852	16,612,962	*	201,244
907 RURAL INCOME IMP	152	37.3	1,020,566	2,708,916	*	221,802
908 RURAL INSTITUT IMP	260	81.8	1,844,370	5,503,412	*	225,994
990 UNCLASSIFIED	53	112.4	771,559	17,845,402	*	710,165
SUBTOTAL	2449	878.2	12,835,687	84,844,576	*	2,520,654
SCIENCE IN SERV OF MAN						
GRAND TOTAL	19889	6574.0	113,279,227	648,897,991	*	20,603,252

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ALABAMA AUBURN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	14	5.1	75,065	660,813	*	1,603
0200 WATER	7	3.0	50,067	191,135	*	2,404
0500 RECREATION RESOURCES	2	0.7	0	53,174	*	0
0600 TIMBER FORST PRODUCT	27	12.5	371,173	866,653	*	27,623
0700 RANGE	1	0.0	0	1,474	*	0
0800 WILDLIFE AND FISH	25	19.2	163,075	1,388,704	*	19,173
1000 FRUIT NUTS DECIDUOUS	12	5.7	104,241	459,052	*	0
1100 POTATOES	4	0.8	4,784	62,724	*	0
1200 VEGETABLES	14	6.5	143,634	498,911	*	0
1300 ORNAMENTALS TURF	7	4.5	49,976	327,626	*	0
1400 CORN	13	2.9	54,565	216,973	*	0
1500 GRAIN SORGHUM	6	0.4	7,250	36,186	*	0
1700 WHEAT	5	0.5	7,050	47,240	*	0
1800 OTHER SMALL GRAINS	6	0.7	20,590	67,340	*	0
1900 PASTURE	2	0.7	12,316	66,637	*	0
2000 FORAGE CROPS	16	10.4	232,567	959,307	*	0
2100 COTTON	11	4.8	101,719	415,664	*	0
2200 COTTONSEED	1	0.1	0	19,336	*	18,391
2300 SOYBEANS	19	9.2	143,032	765,133	*	0
2400 PEANUTS	11	3.3	73,421	340,812	*	0
2900 POULTRY	17	8.3	231,782	885,407	*	66,447
3000 BEEF CATTLE	30	14.1	387,233	1,795,199	*	100,906
3100 DAIRY CATTLE	20	6.1	134,701	845,158	*	49,966
3200 SWINE	8	4.7	72,167	586,575	*	0
3400 OTHER ANIMALS	1	0.2	9,120	48,337	*	0
3700 CLOTHING & TEXTILES	4	0.9	29,766	62,725	*	15,761
3800 FOOD	4	1.1	19,815	81,594	*	16,313
3900 HOUSING & EQUIP	3	1.3	18,367	97,928	*	25,861
4000 PEOPLE AS INDIVIDUAL	4	1.9	60,748	95,053	*	94
4100 FAMILY MEMBERS	2	0.6	10,288	28,910	*	0
4200 FARM AS BUSINESS	4	0.6	12,626	50,246	*	6,465
4300 SOC POLIT ORGANIZ	6	1.7	30,636	103,762	*	0
4400 AGRIC ECONOMY U S	1	0.2	2,645	7,196	*	0
4700 OTH MARKET PROCESS	1	0.1	2,142	6,129	*	0
4800 MARKETING SYSTEMS	4	1.4	92,980	122,125	*	0
6100 WEEDS	1	0.5	2,577	43,908	*	0
6300 BIO CELL SYSTEMS	1	0.1	0	5,774	*	0
6500 INVERTEBRATES	2	0.8	8,423	51,731	*	0
6600 MICROORGANISMS,VIRUS	3	1.1	8,421	41,255	*	0
6700 PLANTS	7	3.7	57,209	250,313	*	8,806
6800 ANIMALS(VERTEBRATES)	5	0.9	21,574	60,148	*	663
6900 RESEARCH ON RSCH MGM	1	0.0	38,731	38,731	*	0
7000 RSCH EQUIP & TECHNOL	2	0.6	0	30,992	*	1,932
9900 UNCLASSIFIED	1	0.5	0	540,704	*	2,124
TOTAL	335	141.9	2,866,476	13,324,794	*	364,531

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ALASKA FAIRBANKS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	6	0.5	41,360	131,189	*	3,468
0200 WATER	1	0.0	1,580	1,580	*	0
0400 AIR AND CLIMATE	1	0.0	49,491	193,285	*	0
0500 RECREATION RESOURCES	2	0.6	26,390	65,621	*	0
0600 TIMBER FORST PRODUCT	5	0.8	118,675	394,259	*	1,156
0700 RANGE	2	0.1	8,433	15,233	*	0
0800 WILDLIFE AND FISH	2	0.1	2,989	4,145	*	1,156
1000 FRUIT NUTS DECIDUOUS	1	0.2	22,883	71,114	*	0
1100 POTATOES	1	0.2	0	12,124	*	0
1200 VEGETABLES	2	0.4	11,158	61,119	*	0
1300 ORNAMENTALS TURF	2	0.3	25,775	97,781	*	0
1700 WHEAT	3	0.4	14,214	60,699	*	0
1800 OTHER SMALL GRAINS	5	1.3	53,411	186,759	*	0
1900 PASTURE	2	0.1	19,245	67,240	*	0
2000 FORAGE CROPS	3	0.8	81,849	269,772	*	0
2500 OTHER OILSEED CROPS	1	0.0	817	5,400	*	0
3000 BEEF CATTLE	1	0.0	0	9,978	*	0
3100 DAIRY CATTLE	6	1.1	159,697	489,972	*	0
3200 SWINE	1	0.9	62,785	131,779	*	0
3600 FARM SUPP & FACILITS	1	0.2	41,472	139,743	*	0
3800 FOOD	1	0.0	277	10,806	*	0
4100 FAMILY MEMBERS	1	0.0	3,670	3,670	*	0
4200 FARM AS BUSINESS	1	0.0	817	5,400	*	0
4300 SOC POLIT ORGANIZ	1	0.6	9,659	96,566	*	0
4400 AGRIC ECONOMY U S	1	0.4	6,440	64,377	*	0
6700 PLANTS	2	0.2	3,786	28,412	*	1,506
6800 ANIMALS(VERTEBRATES)	2	0.2	3,786	28,412	*	1,506
TOTAL	57	9.4	770,659	2,646,434	*	8,791

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ARKANSAS FAYETTEVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	20	5.9	55,649	699,112	*	45,131
0200 WATER	15	2.0	69,980	228,154	*	3,247
0300 WATERSHEDS RIVER BAS	9	1.8	14,215	103,976	*	19,223
0400 AIR AND CLIMATE	5	0.1	4,811	18,771	*	0
0500 RECREATION RESOURCES	2	0.1	3,008	8,071	*	0
0600 TIMBER FORST PRODUCT	27	7.2	325,184	850,103	*	69,996
0700 RANGE	3	1.0	35,874	53,671	*	0
0800 WILDLIFE AND FISH	5	0.5	20,884	61,038	*	410
1000 FRUIT NUTS DECIDUOUS	27	4.2	169,003	676,657	*	44
1100 POTATOES	1	0.0	902	7,784	*	0
1200 VEGETABLES	27	9.2	235,763	668,058	*	44
1300 ORNAMENTALS TURF	10	2.3	48,072	146,525	*	0
1400 CORN	7	0.8	21,594	89,874	*	308
1500 GRAIN SORGHUM	7	1.0	23,050	103,725	*	308
1600 RICE	18	5.0	73,843	783,410	*	13,376
1700 WHEAT	8	1.2	40,725	160,885	*	308
1800 OTHER SMALL GRAINS	6	0.6	20,421	113,467	*	308
1900 PASTURE	6	0.6	15,459	172,934	*	0
2000 FORAGE CROPS	18	1.7	28,729	204,659	*	0
2100 COTTON	31	9.3	209,185	1,205,038	*	25,228
2300 SOYBEANS	39	10.7	184,337	1,595,600	*	6,436
2800 MISC NEW CROPS	1	0.4	12,089	24,164	*	0
2900 POULTRY	29	8.6	183,101	728,724	*	666
3000 BEEF CATTLE	26	5.2	126,298	907,147	*	4,032
3100 DAIRY CATTLE	22	5.1	180,839	836,143	*	1,318
3200 SWINE	12	2.3	55,535	386,449	*	306
3300 SHEEP AND WOOL	6	1.2	20,132	108,569	*	0
3400 OTHER ANIMALS	13	1.2	18,263	96,501	*	21
3700 CLOTHING & TEXTILES	1	0.4	13,500	34,531	*	0
3800 FOOD	3	1.4	47,092	99,097	*	0
3900 HOUSING & EQUIP	5	0.8	5,386	147,950	*	0
4000 PEOPLE AS INDIVIDUAL	8	1.5	28,378	190,849	*	4,684
4100 FAMILY MEMBERS	4	0.9	8,905	54,031	*	0
4200 FARM AS BUSINESS	4	1.2	16,662	47,783	*	228
4300 SOC POLIT ORGANIZ	11	2.3	94,304	198,630	*	11,735
4600 FARM COOPERATIVES	2	0.0	1,706	8,006	*	0
4700 OTH MARKET PROCESS	1	0.0	590	1,647	*	0
4800 MARKETING SYSTEMS	1	0.0	787	2,196	*	0
6500 INVERTEBRATES	3	1.2	32,807	119,264	*	6,345
6600 MICROORGANISMS,VIRUS	3	0.5	12,476	41,421	*	0
6700 PLANTS	8	1.5	41,079	260,826	*	109,109
6800 ANIMALS(VERTEBRATES)	4	1.2	21,309	125,357	*	13,603
7000 RSCH EQUIP & TECHNOL	1	0.0	0	4,682	*	0
TOTAL	459	102.2	2,521,922	12,375,479	*	336,410

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ARIZONA TUCSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	31	9.5	106,868	786,951	*	211,803
0200 WATER	22	7.4	80,110	647,462	*	127,429
0300 WATERSHEDS RIVER BAS	2	0.8	903	150,680	*	80,795
0400 AIR AND CLIMATE	4	0.8	8,908	64,457	*	0
0500 RECREATION RESOURCES	5	1.9	25,613	182,532	*	61,405
0600 TIMBER FORST PRODUCT	8	2.7	9,440	196,096	*	50,957
0700 RANGE	10	3.3	44,174	294,606	*	67,820
0800 WILDLIFE AND FISH	2	0.9	21,295	78,053	*	6,952
0900 CITRUS SUB TROP FRUT	11	7.4	38,067	565,264	*	67,735
1000 FRUIT NUTS DECIDUOUS	8	0.9	6,821	94,913	*	7,042
1100 POTATOES	3	0.9	9,661	78,734	*	7,312
1200 VEGETABLES	29	9.1	72,400	772,669	*	32,648
1300 ORNAMENTALS TURF	13	3.2	14,518	285,438	*	7,279
1400 CORN	1	0.1	1,695	2,737	*	0
1500 GRAIN SORGHUM	5	0.8	7,356	78,435	*	21
1700 WHEAT	11	1.6	10,288	125,905	*	6,635
1800 OTHER SMALL GRAINS	11	1.1	19,831	165,464	*	36,873
2000 FORAGE CROPS	21	3.3	41,818	378,646	*	54,733
2100 COTTON	32	11.5	141,093	1,263,261	*	51,023
2200 COTTONSEED	2	1.2	15,406	94,456	*	210
2300 SOYBEANS	4	0.6	14,946	79,804	*	1,286
2500 OTHER OILSEED CROPS	5	0.8	12,486	112,954	*	535
2600 TOBACCO	1	0.3	16,961	43,559	*	0
2700 SUGAR CROPS	8	1.1	5,734	93,281	*	7,180
2800 MISC NEW CROPS	5	1.9	16,583	340,269	*	21,708
2900 POULTRY	4	1.0	10,979	121,513	*	1,092
3000 BEEF CATTLE	22	6.0	126,854	690,557	*	28,611
3100 DAIRY CATTLE	14	5.1	63,835	720,724	*	5,783
3200 SWINE	6	0.8	13,248	71,303	*	4,369
3300 SHEEP AND WOOL	3	0.2	16,056	50,918	*	0
3400 OTHER ANIMALS	4	3.2	36,628	198,351	*	0
3600 FARM SUPP & FACILITS	1	0.3	5,128	19,448	*	0
3700 CLOTHING & TEXTILES	2	0.0	6,427	30,509	*	0
3800 FOOD	3	0.2	4,817	90,522	*	0
3900 HOUSING & EQUIP	4	0.3	856	24,740	*	0
4000 PEOPLE AS INDIVIDUAL	11	1.3	18,947	244,530	*	4,838
4100 FAMILY MEMBERS	6	2.1	32,676	166,914	*	0
4200 FARM AS BUSINESS	3	2.8	4,045	89,219	*	0
4300 SOC POLIT ORGANIZ	4	0.7	1,534	97,602	*	0
4400 AGRIC ECONOMY U S	1	0.0	714	1,673	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	2,772	6,392	*	0
4600 FARM COOPERATIVES	2	0.5	2,365	19,079	*	0
4700 OTH MARKET PROCESS	3	0.6	9,535	35,060	*	0
4800 MARKETING SYSTEMS	1	0.1	10,787	23,226	*	0
6200 SEED RESEARCH	1	0.0	542	5,076	*	0
6300 BIO CELL SYSTEMS	2	0.4	24,854	46,413	*	0
6400 EXP DESIGN/STAT METH	1	1.1	0	62,734	*	0
6500 INVERTEBRATES	4	3.3	6,145	155,793	*	14,719
6700 PLANTS	8	1.8	38,575	227,859	*	49,248
6800 ANIMALS(VERTEBRATES)	5	7.0	60,761	485,347	*	24,837
6900 RESEARCH ON RSCH MGH	1	0.0	0	26,010	*	0
7000 RSCH EQUIP & TECHNOL	3	1.5	4,505	84,938	*	0
9900 UNCLASSIFIED	1	0.3	7,583	22,805	*	0
TOTAL	375	113.8	1,254,139	10,795,878	*	1,042,877

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - CALIFORNIA BERKELEY SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA COM/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	97	33.2	206,772	3,924,096	*	164,102
0200 WATER	64	15.1	109,990	2,032,427	*	130,534
0300 WATERSHEDS RIVER BAS	6	0.3	4,744	82,846	*	13,816
0400 AIR AND CLIMATE	14	4.8	23,863	614,436	*	93,119
0500 RECREATION RESOURCES	13	3.9	44,656	412,117	*	24,126
0600 TIMBER FORST PRODUCT	79	36.5	348,276	3,254,695	*	246,802
0700 RANGE	24	8.0	54,629	803,309	*	6,488
0800 WILDLIFE AND FISH	47	16.3	85,893	2,289,476	*	46,501
0900 CITRUS SUB TROP FRUT	78	29.4	176,674	3,840,065	*	16,339
1000 FRUIT NUTS DECIDUOUS	116	43.1	247,557	5,023,752	*	44,845
1100 POTATOES	14	4.0	20,674	398,249	*	434
1200 VEGETABLES	111	33.7	196,064	4,197,035	*	49,213
1300 ORNAMENTALS TURF	41	11.8	37,383	1,397,466	*	5,420
1400 CORN	11	2.3	30,413	301,971	*	0
1500 GRAIN SORGHUM	5	0.7	2,752	114,899	*	623
1600 RICE	13	4.7	22,191	565,562	*	42,464
1700 WHEAT	21	4.8	62,814	586,870	*	27,305
1800 OTHER SMALL GRAINS	17	2.9	31,051	411,699	*	362
1900 PASTURE	4	0.7	3,024	56,602	*	0
2000 FORAGE CROPS	41	13.0	96,232	1,267,416	*	7,960
2100 COTTON	37	12.1	90,286	1,328,635	*	26,541
2200 COTTONSEED	1	0.0	799	2,056	*	0
2300 SOYBEANS	8	2.3	20,902	683,995	*	20,742
2400 PEANUTS	1	0.1	0	11,866	*	6,220
2500 OTHER OILSEED CROPS	13	4.4	19,370	716,456	*	37,434
2700 SUGAR CROPS	11	3.2	18,823	380,435	*	12,708
2800 MISC NEW CROPS	3	0.6	4,222	342,675	*	623
2900 POULTRY	31	10.3	73,820	1,242,150	*	1,148
3000 BEEF CATTLE	46	11.4	165,010	1,460,610	*	72,805
3100 DAIRY CATTLE	33	7.4	80,999	908,856	*	28,692
3200 SWINE	2	0.5	0	58,977	*	0
3300 SHEEP AND WOOL	21	3.6	32,530	455,417	*	3,764
3400 OTHER ANIMALS	23	7.1	34,797	970,742	*	0
3500 BEES AND HONEY	13	4.8	24,133	390,513	*	7,035
3600 FARM SUPP & FACILITS	6	1.0	8,588	69,751	*	362
3700 CLOTHING & TEXTILES	10	2.5	22,247	164,074	*	0
3800 FOOD	53	15.2	126,256	1,672,501	*	80,104
3900 HOUSING & EQUIP	13	3.3	11,035	331,530	*	11,961
4000 PEOPLE AS INDIVIDUAL	77	23.8	179,789	2,348,585	*	92,151
4100 FAMILY MEMBERS	6	1.4	17,232	106,365	*	7,709
4200 FARM AS BUSINESS	7	1.0	6,272	65,026	*	0
4300 SOC POLIT ORGANIZ	16	3.9	38,775	304,272	*	1,927
4400 AGRIC ECONOMY U S	10	1.0	14,252	117,176	*	13,689
4500 AGRIC ECONOMY FORGN	5	1.8	20,120	177,082	*	16,336
4600 FARM COOPERATIVES	5	0.5	3,226	18,794	*	0
4700 OTH MARKET PROCESS	3	0.1	2,876	8,510	*	0
4800 MARKETING SYSTEMS	10	0.9	9,764	66,969	*	6,240
6100 WEEDS	6	3.5	35,099	260,130	*	18,831
6200 SEED RESEARCH	2	0.4	0	65,470	*	0
6300 BIO CELL SYSTEMS	33	17.3	26,108	1,491,315	*	0
6400 EXP DESIGN/STAT METH	6	2.8	5,873	241,245	*	66,396
6500 INVERTEBRATES	80	40.3	155,960	4,046,903	*	39,588
6600 MICROORGANISMS,VIRUS	41	14.2	70,160	1,538,243	*	0
6700 PLANTS	126	42.3	230,931	4,636,942	*	108,797
6800 ANIMALS(VERTEBRATES)	46	14.1	38,561	1,547,201	*	25,399
6900 RESEARCH ON RSCH MGM	2	0.6	0	129,825	*	0
7000 RSCH EQUIP & TECHNOL	12	5.9	6,881	844,878	*	21,470
9900 UNCLASSIFIED	1	1.0	2,016	92,751	*	20,352
TOTAL	1635	535.6	3,403,362	60,873,910	*	1,669,471

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - COLORADO FT COLLINS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	26	11.5	227,034	914,730	*	4,090
0200 WATER	32	13.5	102,565	1,162,288	*	70,161
0300 WATERSHEDS RIVER BAS	4	3.9	22,127	324,849	*	7,971
0400 AIR AND CLIMATE	5	4.9	0	474,289	*	0
0600 TIMBER FORST PRODUCT	10	2.9	49,631	243,033	*	19,957
0700 RANGE	11	4.9	75,236	428,183	*	29,564
0800 WILDLIFE AND FISH	2	0.4	0	89,735	*	0
1000 FRUIT NUTS DECIDUOUS	9	6.6	99,069	389,983	*	19,296
1100 POTATOES	12	5.5	81,856	383,753	*	14,891
1200 VEGETABLES	11	4.9	63,665	301,342	*	29,952
1300 ORNAMENTALS TURF	4	3.1	966	276,609	*	65,543
1400 CORN	6	2.3	22,837	121,971	*	15,283
1500 GRAIN SORGHUM	3	0.7	11,828	35,293	*	2,845
1700 WHEAT	9	4.6	6,986	377,465	*	4,797
1800 OTHER SMALL GRAINS	7	2.8	44,102	240,458	*	31,436
2000 FORAGE CROPS	12	7.9	47,225	837,989	*	1,707
2200 COTTONSEED	1	0.2	546	15,750	*	4,248
2300 SOYBEANS	3	0.4	7,828	57,971	*	25,594
2400 PEANUTS	1	0.2	546	15,750	*	4,248
2500 OTHER OILSEED CROPS	2	0.2	546	37,096	*	25,594
2700 SUGAR CROPS	5	1.1	27,856	73,110	*	0
2800 MISC NEW CROPS	3	1.9	3,784	85,260	*	0
2900 POULTRY	3	3.6	71,305	397,563	*	4,248
3000 BEEF CATTLE	20	27.7	316,883	3,924,450	*	72,468
3100 DAIRY CATTLE	7	1.7	17,180	105,988	*	5,634
3200 SWINE	1	0.2	546	15,750	*	4,248
3300 SHEEP AND WOOL	5	0.6	10,586	84,180	*	4,248
3400 OTHER ANIMALS	4	0.6	9,614	68,960	*	4,248
3600 FARM SUPP & FACILITS	1	0.2	996	5,277	*	4,281
3700 CLOTHING & TEXTILES	1	0.2	8,531	12,493	*	0
3800 FOOD	7	1.0	16,779	101,345	*	40,014
3900 HOUSING & EQUIP	4	2.0	4,783	177,217	*	87,392
4000 PEOPLE AS INDIVIDUAL	8	1.5	31,080	249,908	*	160,058
4100 FAMILY MEMBERS	4	1.0	36,827	80,698	*	0
4200 FARM AS BUSINESS	5	5.3	14,048	487,726	*	24,346
4300 SOC POLIT ORGANIZ	11	8.5	84,946	626,063	*	9,496
4400 AGRIC ECONOMY U S	1	0.2	747	3,958	*	3,210
6100 WEEDS	1	0.1	908	13,748	*	0
6200 SEED RESEARCH	1	1.8	0	58,422	*	0
6500 INVERTEBRATES	1	0.1	0	10,835	*	1,754
6600 MICROORGANISMS,VIRUS	1	0.0	483	8,992	*	0
6700 PLANTS	5	1.3	5,139	57,650	*	0
6800 ANIMALS(VERTEBRATES)	4	12.5	9,607	1,190,231	*	144,893
6900 RESEARCH ON RSCH MGM	2	0.4	0	38,189	*	0
7000 RSCH EQUIP & TECHNOL	4	0.8	2,607	118,040	*	27,539
TOTAL	279	155.3	1,539,826	14,724,592	*	975,252

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - CONNECTICUT NEW HAVEN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	3	0.6	1,088	27,888	*	0
0200 WATER	4	3.6	50,970	151,289	*	0
0300 WATERSHEDS RIVER BAS	1	1.5	1,336	62,897	*	0
0400 AIR AND CLIMATE	1	0.5	731	25,939	*	0
0600 TIMBER FORST PRODUCT	11	6.7	73,660	323,353	*	0
1000 FRUIT NUTS DECIDUOUS	7	3.8	48,921	191,842	*	0
1100 POTATOES	4	1.4	16,346	68,515	*	0
1200 VEGETABLES	7	2.1	62,917	102,417	*	0
1300 ORNAMENTALS TURF	10	2.9	3,361	134,752	*	0
1400 CORN	5	0.7	17,586	40,208	*	0
2000 FORAGE CROPS	1	0.0	0	464	*	0
2300 SOYBEANS	6	3.3	48,868	175,512	*	0
2600 TOBACCO	11	4.5	82,613	235,647	*	0
2800 MISC NEW CROPS	1	0.1	129	5,502	*	0
3400 OTHER ANIMALS	2	1.0	8,316	43,571	*	0
3700 CLOTHING & TEXTILES	1	0.3	0	11,467	*	0
3800 FOOD	2	1.8	38,008	94,199	*	0
4000 PEOPLE AS INDIVIDUAL	2	1.3	33,262	59,619	*	0
6300 BIO CELL SYSTEMS	4	1.5	13,136	89,162	*	0
6700 PLANTS	4	2.3	6,543	123,206	*	0
TOTAL	87	39.9	507,790	1,967,447	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - CONNECTICUT STORRS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	4	1.1	16,650	22,072	*	0
0200 WATER	2	0.5	3,573	4,911	*	1,203
0400 AIR AND CLIMATE	2	0.1	4,004	10,428	*	5,772
0500 RECREATION RESOURCES	4	0.9	16,947	19,801	*	0
0600 TIMBER FORST PRODUCT	4	1.3	15,032	37,156	*	5,051
0800 WILDLIFE AND FISH	1	0.4	15,987	15,987	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.3	11,570	11,570	*	0
1100 POTATOES	4	0.2	14,081	21,291	*	6,501
1200 VEGETABLES	6	1.6	33,197	34,249	*	0
1300 ORNAMENTALS TURF	4	1.8	24,280	31,765	*	0
1400 CORN	4	0.9	16,644	23,694	*	0
2000 FORAGE CROPS	4	0.8	24,772	28,382	*	0
2600 TOBACCO	1	0.0	88	88	*	0
2900 POULTRY	14	5.0	121,751	352,110	*	49,168
3000 BEEF CATTLE	3	0.5	6,286	8,184	*	0
3100 DAIRY CATTLE	7	1.8	50,719	80,241	*	26,005
3200 SWINE	1	0.0	88	88	*	0
3300 SHEEP AND WOOL	3	0.4	7,232	11,063	*	0
3400 OTHER ANIMALS	8	2.3	76,798	77,489	*	0
3500 BEES AND HONEY	1	0.3	11,570	11,570	*	0
3600 FARM SUPP & FACILITS	1	0.1	2,875	2,912	*	0
3800 FOOD	3	0.5	17,229	17,788	*	0
3900 HOUSING & EQUIP	2	0.4	8,660	8,660	*	0
4000 PEOPLE AS INDIVIDUAL	5	0.8	18,199	19,424	*	0
4100 FAMILY MEMBERS	1	0.0	11,789	11,789	*	0
4300 SOC POLIT ORGANIZ	5	1.7	60,074	60,237	*	0
4400 AGRIC ECONOMY U S	1	0.0	88	88	*	0
6100 WEEDS	1	0.1	8,750	9,131	*	0
6700 PLANTS	1	0.0	0	3,658	*	3,658
7000 RSCH EQUIP & TECHNOL	1	0.4	6,716	6,865	*	0
9900 UNCLASSIFIED	1	9.0	132,496	2,042,258	*	0
TOTAL	100	33.2	738,140	2,984,946	*	97,358

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - DELAWARE NEWARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	2	0.8	22,659	57,691	*	0
0200 WATER	5	0.8	36,652	67,587	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	0	3,551	*	0
0500 RECREATION RESOURCES	1	0.7	30,959	33,607	*	0
0600 TIMBER FORST PRODUCT	2	1.0	35,289	81,130	*	2,998
0800 WILDLIFE AND FISH	2	0.8	15,624	48,795	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.2	10,984	12,207	*	0
1100 POTATOES	1	0.2	10,984	12,207	*	0
1200 VEGETABLES	8	2.4	87,437	158,985	*	1,066
1300 ORNAMENTALS TURF	3	0.3	14,934	44,848	*	0
1400 CORN	11	2.3	121,169	200,025	*	0
1500 GRAIN SORGHUM	1	0.1	2,706	5,285	*	0
1700 WHEAT	1	0.1	2,706	5,285	*	0
2300 SOYBEANS	8	1.5	83,091	138,968	*	0
2900 POULTRY	7	4.3	124,700	541,379	*	0
3000 BEEF CATTLE	1	0.0	0	34,486	*	0
3100 DAIRY CATTLE	5	1.5	88,031	243,524	*	0
3200 SWINE	2	0.3	7,360	16,884	*	0
3400 OTHER ANIMALS	3	0.3	10,490	15,989	*	0
3500 BEES AND HONEY	1	0.7	25,851	31,788	*	0
3600 FARM SUPP & FACILITS	2	0.8	23,077	74,735	*	0
3700 CLOTHING & TEXTILES	1	0.0	270	270	*	0
3800 FOOD	1	0.2	9,541	17,247	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.5	33,032	125,079	*	0
4100 FAMILY MEMBERS	1	0.1	5,787	5,787	*	0
4300 SOC POLIT ORGANIZ	1	0.6	25,646	39,837	*	0
4400 AGRIC ECONOMY U S	3	0.2	4,391	15,753	*	0
6500 INVERTEBRATES	1	0.1	0	2,520	*	0
6700 PLANTS	1	0.6	27,961	59,565	*	0
6800 ANIMALS(VERTEBRATES)	2	0.0	1,428	1,542	*	31
9900 UNCLASSIFIED	1	0.0	0	98,105	*	0
TOTAL	86	22.4	862,758	2,194,657	*	4,095

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - DIST OF COLUM WASHINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1	0.3	36,210	36,210	*	0
0500 RECREATION RESOURCES	1	0.2	32,000	32,000	*	0
1200 VEGETABLES	1	0.3	36,210	36,210	*	0
3800 FOOD	1	0.1	8,790	8,790	*	0
4600 FARM COOPERATIVES	1	0.1	8,790	8,790	*	0
TOTAL	5	0.8	122,000	122,000	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FLORIDA GAINESVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	54	25.6	123,813	1,859,337	*	14,229
0200 WATER	40	15.6	63,245	1,206,713	*	19,653
0300 WATERSHEDS RIVER BAS	5	2.4	5,752	173,877	*	0
0400 AIR AND CLIMATE	5	0.8	6,507	90,730	*	0
0500 RECREATION RESOURCES	1	0.1	0	14,658	*	0
0600 TIMBER FORST PRODUCT	28	12.3	279,444	1,340,052	*	79,846
0700 RANGE	4	0.9	6,655	86,760	*	0
0800 WILDLIFE AND FISH	20	7.7	51,109	643,374	*	13,544
0900 CITRUS SUB TROP FRUT	77	49.8	58,831	4,148,461	*	61,005
1000 FRUIT NUTS DECIDUOUS	54	17.5	36,788	1,406,415	*	152,322
1100 POTATOES	10	3.0	2,667	206,957	*	0
1200 VEGETABLES	114	51.1	114,572	3,982,553	*	129,001
1300 ORNAMENTALS TURF	56	29.1	70,087	2,280,056	*	23,760
1400 CORN	28	6.4	39,638	463,318	*	6,500
1500 GRAIN SORGHUM	14	1.1	0	94,207	*	0
1700 WHEAT	7	0.6	0	59,478	*	1,418
1800 OTHER SMALL GRAINS	9	1.6	0	95,486	*	2,522
1900 PASTURE	25	9.8	0	762,818	*	211,791
2000 FORAGE CROPS	48	15.5	38,516	1,130,141	*	37,650
2100 COTTON	1	0.1	0	6,784	*	0
2300 SOYBEANS	38	9.7	78,168	716,393	*	38,959
2400 PEANUTS	21	4.7	34,167	483,189	*	40,608
2600 TOBACCO	10	2.0	5,559	201,801	*	0
2700 SUGAR CROPS	5	2.0	0	199,452	*	0
2800 MISC NEW CROPS	7	0.5	6,045	47,666	*	0
2900 POULTRY	24	6.7	81,548	581,601	*	0
3000 BEEF CATTLE	67	23.6	163,578	2,435,779	*	153,857
3100 DAIRY CATTLE	38	12.5	251,975	1,415,367	*	2,005
3200 SWINE	22	4.9	38,500	703,727	*	8,000
3300 SHEEP AND WOOL	8	1.4	19,967	152,159	*	0
3400 OTHER ANIMALS	20	6.2	71,372	627,839	*	2,000
3500 BEES AND HONEY	1	0.7	16,663	45,663	*	0
3600 FARM SUPP & FACILITS	1	0.0	0	1,512	*	0
3800 FOOD	11	4.0	27,624	364,618	*	16,888
3900 HOUSING & EQUIP	5	1.4	38	117,839	*	0
4000 PEOPLE AS INDIVIDUAL	4	4.4	38,776	438,800	*	0
4100 FAMILY MEMBERS	2	0.7	4,375	47,789	*	0
4200 FARM AS BUSINESS	2	3.0	8,630	155,897	*	0
4300 SOC POLIT ORGANIZ	3	2.7	29,470	138,164	*	0
4400 AGRIC ECONOMY U S	3	2.1	17,813	130,801	*	12,608
4600 FARM COOPERATIVES	1	0.2	5,527	11,525	*	0
4700 OTH MARKET PROCESS	1	0.2	7,738	16,134	*	0
4800 MARKETING SYSTEMS	2	0.5	14,276	36,927	*	0
6100 WEEDS	3	0.4	0	45,621	*	0
6300 BIO CELL SYSTEMS	3	0.9	3,788	18,888	*	0
6400 EXP DESIGN/STAT METH	1	3.2	18,435	267,696	*	12,553
6500 INVERTEBRATES	8	3.7	25,469	449,470	*	0
6600 MICROORGANISMS,VIRUS	13	6.9	42,186	441,155	*	0
6700 PLANTS	25	9.4	67,583	963,554	*	202,268
6800 ANIMALS(VERTEBRATES)	9	1.6	10,623	215,315	*	0
7000 RSCH EQUIP & TECHNOL	2	0.1	1,586	9,694	*	0
9900 UNCLASSIFIED	1	4.8	0	285,412	*	9,961
TOTAL	961	375.9	1,989,100	31,819,622	*	1,252,947

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - GEORGIA ATHENS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	19	4.6	127,028	496,392	*	4,848
0200 WATER	8	1.2	7,082	96,763	*	4,848
0300 WATERSHEDS RIVER BAS	1	0.2	3,477	22,388	*	1,184
0400 AIR AND CLIMATE	1	0.1	120	9,077	*	0
0500 RECREATION RESOURCES	1	0.0	0	1,834	*	0
0600 TIMBER FORST PRODUCT	30	18.0	354,395	1,289,868	*	101,881
0700 RANGE	2	0.0	0	5,890	*	0
0800 WILDLIFE AND FISH	9	6.1	155,896	622,908	*	0
1000 FRUIT NUTS DECIDUOUS	39	14.0	229,739	1,057,916	*	3,556
1100 POTATOES	1	0.0	0	11	*	0
1200 VEGETABLES	51	15.9	215,585	1,463,000	*	15,597
1300 ORNAMENTALS TURF	20	6.8	94,383	524,527	*	2,490
1400 CORN	27	5.1	105,398	974,490	*	477
1500 GRAIN SORGHUM	15	2.8	61,740	223,633	*	0
1700 WHEAT	15	2.5	65,405	190,240	*	778
1800 OTHER SMALL GRAINS	13	2.8	63,968	217,279	*	17,699
1900 PASTURE	4	0.4	6,542	93,974	*	0
2000 FORAGE CROPS	31	10.4	255,351	1,093,436	*	0
2100 COTTON	12	2.8	20,946	309,636	*	0
2200 COTTONSEED	3	0.5	3,192	34,769	*	0
2300 SOYBEANS	32	9.2	194,950	911,276	*	101,651
2400 PEANUTS	28	10.6	73,702	934,030	*	9
2500 OTHER OILSEED CROPS	1	0.1	288	6,830	*	0
2600 TOBACCO	7	2.0	3,055	216,510	*	0
2800 MISC NEW CROPS	3	0.0	9,889	16,816	*	0
2900 POULTRY	46	12.3	250,476	1,364,283	*	30,100
3000 BEEF CATTLE	31	10.3	243,887	1,488,262	*	0
3100 DAIRY CATTLE	26	9.2	166,262	1,431,964	*	0
3200 SWINE	16	6.9	114,580	913,887	*	5,419
3300 SHEEP AND WOOL	1	0.3	14,373	20,663	*	0
3400 OTHER ANIMALS	1	0.6	13,159	49,026	*	0
3500 BEES AND HONEY	1	0.1	0	7,324	*	7,274
3600 FARM SUPP & FACILITS	1	0.2	1,355	12,974	*	18
3800 FOOD	12	6.5	157,734	535,831	*	3,268
3900 HOUSING & EQUIP	9	1.9	20,780	104,934	*	1,734
4000 PEOPLE AS INDIVIDUAL	12	1.6	35,239	156,422	*	6,149
4100 FAMILY MEMBERS	3	0.2	1,793	13,221	*	0
4200 FARM AS BUSINESS	10	1.9	22,341	111,094	*	1,429
4300 SOC POLIT ORGANIZ	9	2.0	24,208	114,205	*	3,874
4400 AGRIC ECONOMY U S	2	0.8	13,232	57,065	*	0
4600 FARM COOPERATIVES	1	0.2	954	24,563	*	0
4700 OTH MARKET PROCESS	1	0.0	543	2,834	*	0
6100 WEEDS	1	0.0	165	37,614	*	0
6300 BIO CELL SYSTEMS	1	0.8	0	14,616	*	2,746
6500 INVERTEBRATES	1	0.1	0	22,747	*	13,867
6600 MICROORGANISMS,VIRUS	6	1.1	18,029	113,937	*	4,362
6700 PLANTS	19	5.6	135,931	542,796	*	26,650
6800 ANIMALS(VERTEBRATES)	3	0.3	2,031	14,887	*	1,072
7000 RSCH EQUIP & TECHNOL	1	0.1	3,196	10,206	*	0
9900 UNCLASSIFIED	1	0.5	16,476	40,457	*	0
TOTAL	588	179.6	3,308,875	18,019,304	*	362,978

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - GUAM AGANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1	1.0	103,225	192,536	*	0
0600 TIMBER FORST PRODUCT	1	0.7	28,365	28,365	*	0
0800 WILDLIFE AND FISH	1	1.0	5,272	16,685	*	0
0900 CITRUS SUB TROP FRUT	3	1.2	94,370	158,544	*	0
1000 FRUIT NUTS DECIDUOUS	2	0.1	11,789	19,785	*	0
1200 VEGETABLES	6	2.9	257,714	423,160	*	0
2800 MISC NEW CROPS	2	0.1	11,789	19,785	*	0
4300 SOC POLIT ORGANIZ	1	1.0	17,038	40,733	*	0
6700 PLANTS	1	0.1	0	3,228	*	3,228
TOTAL	18	8.0	529,562	902,820	*	3,228

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - HAWAII HONOLULU SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	19	5.2	67,642	321,879	*	29,182
0200 WATER	8	1.7	47,042	123,195	*	16,997
0300 WATERSHEDS RIVER BAS	2	0.3	2,195	12,133	*	0
0400 AIR AND CLIMATE	1	0.3	2,306	12,974	*	0
0600 TIMBER FORST PRODUCT	11	2.0	48,997	217,600	*	73,062
0700 RANGE	4	1.2	13,173	66,583	*	49
0800 WILDLIFE AND FISH	5	1.2	0	168,091	*	0
0900 CITRUS SUB TROP FRUT	55	19.2	185,181	1,389,670	*	45,350
1000 FRUIT NUTS DECIDUOUS	17	3.7	33,933	281,088	*	16,867
1100 POTATOES	4	0.6	381	37,541	*	0
1200 VEGETABLES	51	11.9	66,989	1,211,917	*	279,187
1300 ORNAMENTALS TURF	28	10.4	76,033	578,144	*	8,077
1400 CORN	10	4.1	37,333	296,960	*	0
1500 GRAIN SORGHUM	1	0.3	0	14,899	*	0
1600 RICE	2	0.1	0	9,921	*	0
1900 PASTURE	3	1.4	6,504	112,558	*	0
2000 FORAGE CROPS	9	2.0	13,740	113,108	*	0
2300 SOYBEANS	6	0.7	7,683	64,408	*	4,243
2400 PEANUTS	1	0.1	0	2,875	*	0
2500 OTHER OILSEED CROPS	1	0.0	278	11,180	*	0
2700 SUGAR CROPS	12	2.4	18,637	119,294	*	1,509
2800 MISC NEW CROPS	4	1.2	833	163,757	*	0
2900 POULTRY	5	2.2	21,042	133,980	*	0
3000 BEEF CATTLE	12	3.9	78,994	344,874	*	165
3100 DAIRY CATTLE	9	1.7	35,300	203,334	*	1,509
3200 SWINE	5	0.8	1,523	72,164	*	1,509
3400 OTHER ANIMALS	4	0.5	0	50,931	*	0
3600 FARM SUPP & FACILITS	2	0.5	0	44,477	*	0
3700 CLOTHING & TEXTILES	2	0.3	0	8,681	*	0
3800 FOOD	9	3.6	23,076	204,533	*	0
3900 HOUSING & EQUIP	8	2.3	30,241	138,672	*	1,509
4000 PEOPLE AS INDIVIDUAL	11	2.7	28,155	148,552	*	7,211
4100 FAMILY MEMBERS	4	1.1	19,061	36,988	*	0
4200 FARM AS BUSINESS	1	0.1	2,231	4,003	*	0
4300 SOC POLIT ORGANIZ	2	0.4	0	16,662	*	0
4400 AGRIC ECONOMY U S	2	0.6	5,205	15,003	*	0
4600 FARM COOPERATIVES	1	0.1	0	3,735	*	0
4800 MARKETING SYSTEMS	1	0.5	13,863	16,960	*	0
6100 WEEDS	2	0.3	1,555	13,895	*	0
6300 BIO CELL SYSTEMS	2	0.3	2,601	30,404	*	12,940
6500 INVERTEBRATES	6	1.3	2,587	116,694	*	8,627
6600 MICROORGANISMS,VIRUS	2	0.2	0	16,670	*	0
6700 PLANTS	6	1.1	7,398	84,261	*	1,300
6800 ANIMALS(VERTEBRATES)	1	0.0	0	218	*	96
6900 RESEARCH ON RSCH MGM	1	0.2	0	81,933	*	75,354
7000 RSCH EQUIP & TECHNOL	1	0.1	0	9,965	*	5,427
9900 UNCLASSIFIED	2	0.8	12,068	53,149	*	814
TOTAL	355	95.3	913,777	7,180,513	*	590,984

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - IDAHO MOSCOW SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	13	6.8	90,675	597,033	*	46,754
0200 WATER	7	2.8	67,794	362,124	*	39,891
0300 WATERSHEDS RIVER BAS	2	0.1	997	47,806	*	41,367
0400 AIR AND CLIMATE	2	0.3	4,027	18,805	*	0
0500 RECREATION RESOURCES	1	0.2	3,694	20,232	*	2,654
0600 TIMBER FORST PRODUCT	7	0.9	8,783	81,745	*	14,771
0700 RANGE	4	1.8	21,654	140,901	*	5,653
0800 WILDLIFE AND FISH	2	0.4	4,909	33,710	*	9,941
1000 FRUIT NUTS DECIDUOUS	5	1.4	26,286	99,940	*	0
1100 POTATOES	18	10.8	92,267	1,051,524	*	7,551
1200 VEGETABLES	26	9.4	221,482	717,372	*	0
1300 ORNAMENTALS TURF	2	0.6	10,877	40,426	*	0
1400 CORN	2	0.2	5,000	29,838	*	0
1500 GRAIN SORGHUM	2	0.2	5,235	14,539	*	0
1700 WHEAT	12	4.4	60,537	550,365	*	67,513
1800 OTHER SMALL GRAINS	6	1.2	14,358	127,012	*	0
2000 FORAGE CROPS	8	1.6	30,198	146,342	*	0
2300 SOYBEANS	1	0.0	975	1,323	*	0
2500 OTHER OILSEED CROPS	1	0.1	5,847	7,936	*	0
2700 SUGAR CROPS	6	2.3	34,199	173,575	*	0
2800 MISC NEW CROPS	4	2.0	1,949	212,962	*	0
2900 POULTRY	2	0.8	15,016	94,367	*	0
3000 BEEF CATTLE	12	4.7	93,985	533,534	*	36,397
3100 DAIRY CATTLE	3	2.2	34,542	180,201	*	0
3200 SWINE	1	0.6	4,684	25,544	*	0
3300 SHEEP AND WOOL	7	8.4	190,954	814,949	*	3,834
3400 OTHER ANIMALS	1	0.1	2,633	9,895	*	0
3500 BEES AND HONEY	1	1.2	13,299	76,766	*	0
3600 FARM SUPP & FACILITS	4	0.4	3,806	17,778	*	0
3800 FOOD	4	0.3	10,860	34,647	*	10,552
3900 HOUSING & EQUIP	4	0.5	11,259	80,899	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.3	741	21,208	*	855
4100 FAMILY MEMBERS	1	0.1	650	5,500	*	0
4200 FARM AS BUSINESS	4	0.9	28,844	114,756	*	2,618
4300 SOC POLIT ORGANIZ	5	0.6	23,682	45,355	*	0
4400 AGRIC ECONOMY U S	2	1.3	817	73,654	*	0
4800 MARKETING SYSTEMS	1	1.0	1,583	90,090	*	0
6100 WEEDS	1	0.0	1,061	3,646	*	0
6200 SEED RESEARCH	3	0.6	12,426	33,619	*	0
6400 EXP DESIGN/STAT METH	1	0.4	6,876	28,289	*	0
6500 INVERTEBRATES	2	0.4	7,804	20,493	*	0
6600 MICROORGANISMS,VIRUS	2	0.1	3,438	19,358	*	0
6700 PLANTS	6	2.8	75,641	261,371	*	18,337
6800 ANIMALS(VERTEBRATES)	3	0.2	1,101	14,176	*	1,843
6900 RESEARCH ON RSCH MGM	1	0.6	4,309	46,244	*	0
TOTAL	205	76.1	1,257,675	7,121,848	*	310,530

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ILLINOIS URBANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	32	13.4	210,859	1,012,279	*	10,058
0200 WATER	10	2.1	28,945	167,306	*	0
0300 WATERSHEDS RIVER BAS	4	0.6	20,267	38,151	*	0
0400 AIR AND CLIMATE	2	0.3	15,463	23,520	*	0
0500 RECREATION RESOURCES	5	0.7	19,988	36,402	*	0
0600 TIMBER FORST PRODUCT	18	5.1	128,787	245,095	*	0
0800 WILDLIFE AND FISH	1	0.0	1,336	2,072	*	0
1000 FRUIT NUTS DECIDUOUS	13	5.2	56,541	429,902	*	0
1200 VEGETABLES	18	6.3	102,882	475,977	*	2,025
1300 ORNAMENTALS TURF	10	3.6	36,945	218,059	*	0
1400 CORN	37	10.7	292,461	1,064,455	*	24,186
1500 GRAIN SORGHUM	3	0.6	13,719	38,654	*	0
1600 RICE	2	0.2	778	9,206	*	0
1700 WHEAT	11	1.2	19,739	123,271	*	0
1800 OTHER SMALL GRAINS	7	0.8	14,558	84,262	*	0
1900 PASTURE	1	0.2	9,703	19,925	*	0
2000 FORAGE CROPS	11	3.9	68,822	279,520	*	0
2100 COTTON	1	0.0	971	1,657	*	0
2300 SOYBEANS	46	19.9	325,003	1,297,046	*	57,895
2400 PEANUTS	1	0.0	1,887	2,979	*	0
2500 OTHER OILSEED CROPS	1	0.7	5,686	20,474	*	0
2700 SUGAR CROPS	1	0.0	54	1,050	*	0
2800 MISC NEW CROPS	1	0.1	11,804	15,695	*	0
2900 POULTRY	6	1.8	36,380	179,691	*	0
3000 BEEF CATTLE	17	6.7	153,437	625,245	*	10,945
3100 DAIRY CATTLE	34	13.2	476,919	1,515,214	*	10,945
3200 SWINE	21	7.8	195,500	1,020,551	*	11,609
3300 SHEEP AND WOOL	9	2.9	45,828	301,329	*	0
3400 OTHER ANIMALS	16	4.0	68,685	417,629	*	4,200
3500 BEES AND HONEY	1	0.6	3,630	41,730	*	0
3600 FARM SUPP & FACILITS	4	2.6	37,636	141,626	*	0
3700 CLOTHING & TEXTILES	3	0.7	8,704	32,473	*	0
3800 FOOD	18	4.8	140,591	538,916	*	0
3900 HOUSING & EQUIP	7	2.6	112,770	245,112	*	30,228
4000 PEOPLE AS INDIVIDUAL	11	2.3	92,141	329,007	*	0
4100 FAMILY MEMBERS	6	2.0	70,363	138,124	*	0
4200 FARM AS BUSINESS	6	2.8	62,321	144,543	*	0
4300 SOC POLIT ORGANIZ	5	5.2	71,389	255,509	*	0
4400 AGRIC ECONOMY U S	4	5.1	113,793	248,939	*	0
4600 FARM COOPERATIVES	1	0.1	0	1,462	*	0
4800 MARKETING SYSTEMS	3	1.0	25,702	80,509	*	36,590
6200 SEED RESEARCH	1	0.1	3,287	6,870	*	0
6300 BIO CELL SYSTEMS	7	2.5	80,544	304,173	*	0
6400 EXP DESIGN/STAT METH	2	1.6	22,317	84,938	*	0
6600 MICROORGANISMS,VIRUS	5	1.9	24,136	98,850	*	0
6700 PLANTS	9	4.2	76,396	255,632	*	10,592
6800 ANIMALS(VERTEBRATES)	3	0.4	22,300	50,952	*	797
6900 RESEARCH ON RSCH MGM	1	0.3	2,463	11,089	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	5,286	10,216	*	0
9900 UNCLASSIFIED	1	0.8	0	13,400	*	3,200
TOTAL	438	153.4	3,339,715	12,700,688	*	213,268

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - INDIANA LAFAYETTE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	29	10.2	132,767	1,142,344	*	15,793
0200 WATER	15	3.8	71,993	359,229	*	0
0300 WATERSHEDS RIVER BAS	6	2.4	18,367	177,757	*	5,195
0400 AIR AND CLIMATE	5	1.7	47,054	122,557	*	0
0500 RECREATION RESOURCES	3	0.8	5,536	61,821	*	0
0600 TIMBER FORST PRODUCT	23	8.4	150,343	770,751	*	62,615
0800 WILDLIFE AND FISH	7	2.2	13,658	169,957	*	0
1000 FRUIT NUTS DECIDUOUS	11	3.7	77,908	274,754	*	4,479
1100 POTATOES	6	1.4	20,589	96,110	*	0
1200 VEGETABLES	24	6.2	131,870	579,055	*	12,789
1300 ORNAMENTALS TURF	10	2.6	41,073	226,976	*	3,311
1400 CORN	51	13.9	229,742	1,053,445	*	19,087
1500 GRAIN SORGHUM	5	1.2	6,394	58,922	*	0
1700 WHEAT	19	4.5	64,326	390,694	*	8,063
1800 OTHER SMALL GRAINS	5	0.4	8,601	40,539	*	138
1900 PASTURE	2	0.4	4,067	32,053	*	0
2000 FORAGE CROPS	17	4.8	76,958	298,690	*	11,888
2300 SOYBEANS	36	7.7	150,246	751,834	*	34,423
2700 SUGAR CROPS	1	0.1	3,361	7,094	*	0
2800 MISC NEW CROPS	2	3.9	24,697	105,405	*	281
2900 POULTRY	18	7.8	120,976	580,916	*	4,038
3000 BEEF CATTLE	34	7.4	85,346	1,180,672	*	281
3100 DAIRY CATTLE	29	9.1	167,252	895,069	*	1,287
3200 SWINE	38	14.4	129,767	1,201,609	*	109,324
3300 SHEEP AND WOOL	9	2.3	11,902	167,467	*	35
3400 OTHER ANIMALS	12	3.7	59,519	206,514	*	1,287
3600 FARM SUPP & FACILITS	6	1.5	40,083	132,483	*	0
3700 CLOTHING & TEXTILES	2	0.4	28,607	60,671	*	0
3800 FOOD	10	2.2	81,537	476,051	*	3,621
3900 HOUSING & EQUIP	9	2.2	35,116	172,778	*	12,293
4000 PEOPLE AS INDIVIDUAL	14	2.3	65,214	289,989	*	40,443
4100 FAMILY MEMBERS	10	2.8	26,834	167,657	*	0
4200 FARM AS BUSINESS	10	4.1	119,491	168,430	*	2,145
4300 SOC POLIT ORGANIZ	8	2.0	62,106	104,591	*	1,272
4400 AGRIC ECONOMY U S	7	2.4	36,054	124,670	*	35,515
4500 AGRIC ECONOMY FORGN	2	0.6	11,865	38,258	*	12,183
4600 FARM COOPERATIVES	4	0.5	51,312	82,889	*	3,538
4700 OTH MARKET PROCESS	3	0.2	3,340	31,658	*	188
4800 MARKETING SYSTEMS	9	2.5	44,490	124,175	*	8,564
6100 WEEDS	5	1.6	27,881	101,082	*	0
6200 SEED RESEARCH	2	0.5	4,215	31,585	*	0
6300 BIO CELL SYSTEMS	11	7.6	115,160	699,979	*	0
6400 EXP DESIGN/STAT METH	3	0.2	1,826	54,900	*	0
6500 INVERTEBRATES	11	5.6	38,342	402,101	*	0
6600 MICROORGANISMS,VIRUS	9	5.1	63,150	396,174	*	0
6700 PLANTS	18	6.8	100,938	536,877	*	5,139
6800 ANIMALS(VERTEBRATES)	18	10.4	153,488	777,853	*	1,414
7000 RSCH EQUIP & TECHNOL	7	1.8	58,880	242,780	*	11,842
9900 UNCLASSIFIED	1	0.0	26,961	951,784	*	0
TOTAL	596	188.0	3,051,201	17,121,653	*	432,469

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - IOWA AMES SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	50	10.0	184,379	1,633,021	*	27,197
0200 WATER	25	2.7	65,990	456,545	*	20,991
0300 WATERSHEDS RIVER BAS	4	1.1	25,431	125,763	*	8,828
0400 AIR AND CLIMATE	9	2.4	43,064	142,839	*	0
0500 RECREATION RESOURCES	4	0.4	18,544	37,614	*	5,169
0600 TIMBER FORST PRODUCT	15	2.3	118,543	305,718	*	12,395
0700 RANGE	2	0.0	0	2,132	*	0
0800 WILDLIFE AND FISH	25	1.5	3,412	239,297	*	0
1000 FRUIT NUTS DECIDUOUS	7	1.9	5,717	120,299	*	0
1100 POTATOES	2	0.0	332	6,003	*	0
1200 VEGETABLES	6	0.9	6,866	73,787	*	0
1300 ORNAMENTALS TURF	10	3.0	36,161	250,984	*	3,308
1400 CORN	60	15.7	344,673	1,893,519	*	191,274
1500 GRAIN SORGHUM	4	0.6	13,955	81,668	*	3,308
1700 WHEAT	3	0.3	14,563	31,778	*	13,634
1800 OTHER SMALL GRAINS	12	3.3	104,939	437,256	*	16,997
1900 PASTURE	2	0.8	40,812	75,952	*	0
2000 FORAGE CROPS	15	2.4	114,133	331,289	*	13,231
2300 SOYBEANS	48	10.9	286,363	1,342,284	*	66,610
2800 MISC NEW CROPS	2	0.4	44,760	63,508	*	9,923
2900 POULTRY	17	4.2	168,597	534,226	*	32
3000 BEEF CATTLE	37	9.6	504,654	1,693,829	*	68,508
3100 DAIRY CATTLE	18	6.2	204,648	947,502	*	10,250
3200 SWINE	35	9.5	476,537	1,910,857	*	55,022
3300 SHEEP AND WOOL	4	0.6	1,657	120,374	*	0
3400 OTHER ANIMALS	12	2.3	46,918	277,634	*	19,513
3600 FARM SUPP & FACILITS	8	0.9	29,492	109,235	*	21,921
3700 CLOTHING & TEXTILES	1	0.2	0	15,197	*	0
3800 FOOD	13	1.9	60,853	185,729	*	0
3900 HOUSING & EQUIP	14	1.4	38,813	131,472	*	21,970
4000 PEOPLE AS INDIVIDUAL	27	3.0	50,004	365,583	*	29,269
4100 FAMILY MEMBERS	20	0.9	55,266	151,325	*	32
4200 FARM AS BUSINESS	14	1.0	20,086	184,954	*	24,052
4300 SOC POLIT ORGANIZ	22	4.2	105,631	637,789	*	68,150
4400 AGRIC ECONOMY U S	13	1.9	58,375	381,527	*	22,843
4500 AGRIC ECONOMY FORGN	3	1.0	1,482	34,800	*	6,504
4600 FARM COOPERATIVES	3	0.2	5,490	27,643	*	4,266
4700 OTH MARKET PROCESS	3	0.4	13,453	42,456	*	0
4800 MARKETING SYSTEMS	1	0.2	21,464	21,464	*	0
6300 BIO CELL SYSTEMS	4	2.0	30,313	189,743	*	1,348
6400 EXP DESIGN/STAT METH	5	0.8	1,897	451,883	*	387,109
6500 INVERTEBRATES	2	0.7	0	34,950	*	0
6600 MICROORGANISMS,VIRUS	3	0.9	0	75,308	*	0
6700 PLANTS	6	0.4	10,195	65,014	*	21,533
6800 ANIMALS(VERTEBRATES)	7	2.1	34,093	244,653	*	0
6900 RESEARCH ON RSCH MGM	3	0.9	0	77,643	*	34,617
7000 RSCH EQUIP & TECHNOL	3	0.7	9,666	22,400	*	0
9900 UNCLASSIFIED	1	3.1	0	34,453	*	0
TOTAL	604	121.7	3,422,220	16,620,899	*	1,189,804

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - KANSAS MANHATTAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	25	5.0	40,889	365,072	*	8,266
0200 WATER	45	9.4	53,707	660,948	*	8,266
0300 WATERSHEDS RIVER BAS	6	0.4	0	24,633	*	0
0400 AIR AND CLIMATE	4	2.5	13,230	191,956	*	0
0600 TIMBER FORST PRODUCT	24	5.3	98,784	270,395	*	0
0700 RANGE	12	4.6	46,225	326,013	*	0
0800 WILDLIFE AND FISH	6	1.6	0	78,471	*	0
1000 FRUIT NUTS DECIDUOUS	10	3.1	5,869	180,030	*	118
1100 POTATOES	9	0.6	3,762	90,929	*	3,048
1200 VEGETABLES	14	1.1	23,779	111,679	*	118
1300 ORNAMENTALS TURF	11	2.7	1,641	160,516	*	0
1400 CORN	69	10.2	107,028	807,419	*	560
1500 GRAIN SORGHUM	62	11.3	101,851	866,704	*	560
1600 RICE	3	1.6	1,413	9,075	*	0
1700 WHEAT	98	21.8	265,433	1,646,834	*	72,592
1800 OTHER SMALL GRAINS	17	2.2	28,407	180,172	*	0
1900 PASTURE	4	0.2	4,491	19,754	*	0
2000 FORAGE CROPS	38	4.8	95,710	357,336	*	4,359
2300 SOYBEANS	32	4.4	51,297	366,295	*	6,680
2500 OTHER OILSEED CROPS	4	1.8	24,276	124,095	*	0
2700 SUGAR CROPS	5	0.7	0	35,497	*	0
2900 POULTRY	24	7.2	163,764	560,765	*	0
3000 BEEF CATTLE	74	16.0	403,077	3,035,880	*	44,494
3100 DAIRY CATTLE	52	7.3	125,066	719,931	*	40
3200 SWINE	26	3.7	86,528	428,467	*	80
3300 SHEEP AND WOOL	18	2.4	37,752	314,397	*	80
3400 OTHER ANIMALS	18	1.3	171	114,010	*	0
3500 BEES AND HONEY	1	0.1	0	3,339	*	0
3600 FARM SUPP & FACILITS	8	0.7	180	107,507	*	0
3700 CLOTHING & TEXTILES	2	0.5	0	17,270	*	0
3800 FOOD	10	1.7	18,178	102,179	*	0
3900 HOUSING & EQUIP	8	2.1	16,547	122,756	*	11,528
4000 PEOPLE AS INDIVIDUAL	26	3.9	61,163	234,690	*	3,393
4100 FAMILY MEMBERS	9	1.8	59,121	132,577	*	0
4200 FARM AS BUSINESS	3	0.7	0	45,428	*	0
4300 SOC POLIT ORGANIZ	18	3.5	32,858	212,962	*	0
4400 AGRIC ECONOMY U S	2	0.0	0	11,418	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	0	0	*	0
4600 FARM COOPERATIVES	2	0.5	22,837	25,873	*	0
4700 OTH MARKET PROCESS	1	0.0	0	742	*	0
4800 MARKETING SYSTEMS	3	1.0	0	41,036	*	0
6300 BIO CELL SYSTEMS	26	7.7	25,890	469,634	*	0
6500 INVERTEBRATES	3	0.9	32,850	45,959	*	0
6600 MICROORGANISMS,VIRUS	7	1.1	9,779	58,205	*	0
6700 PLANTS	20	3.8	13,457	273,493	*	3,758
6800 ANIMALS(VERTEBRATES)	17	4.2	56,287	285,712	*	283
7000 RSCH EQUIP & TECHNOL	3	0.5	0	44,901	*	0
9900 UNCLASSIFIED	1	9.0	0	964,823	*	316,421
TOTAL	881	177.0	2,133,295	15,247,777	*	484,644

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - KENTUCKY LEXINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	15	4.0	141,484	349,424	*	0
0200 WATER	8	2.0	86,682	195,167	*	0
0300 WATERSHEDS RIVER BAS	2	0.9	25,062	55,445	*	0
0400 AIR AND CLIMATE	1	0.4	22,288	28,801	*	0
0500 RECREATION RESOURCES	1	0.3	2,200	5,678	*	0
0600 TIMBER FORST PRODUCT	15	4.8	122,533	348,370	*	0
0800 WILDLIFE AND FISH	1	0.7	8,929	35,364	*	0
1000 FRUIT NUTS DECIDUOUS	6	3.7	49,435	209,864	*	0
1100 POTATOES	2	0.4	20,194	45,324	*	3,293
1200 VEGETABLES	10	4.4	131,126	315,139	*	7,684
1300 ORNAMENTALS TURF	6	3.7	76,335	203,027	*	0
1400 CORN	12	4.3	112,652	257,749	*	4,391
1500 GRAIN SORGHUM	1	0.2	4,530	6,134	*	0
1700 WHEAT	4	0.9	27,561	48,252	*	0
1800 OTHER SMALL GRAINS	2	1.6	52,697	120,520	*	4,391
1900 PASTURE	1	0.0	0	6,360	*	0
2000 FORAGE CROPS	21	10.5	258,912	1,092,108	*	22,906
2100 COTTON	1	0.0	352	6,046	*	0
2300 SOYBEANS	16	8.9	246,218	562,080	*	19,240
2600 TOBACCO	16	6.1	172,922	524,515	*	2,196
2800 MISC NEW CROPS	1	0.3	9,548	19,082	*	0
2900 POULTRY	3	0.5	26,919	79,296	*	0
3000 BEEF CATTLE	21	6.6	342,354	1,052,333	*	0
3100 DAIRY CATTLE	16	5.0	196,609	545,833	*	0
3200 SWINE	8	3.4	122,822	399,622	*	35,245
3300 SHEEP AND WOOL	12	2.3	96,968	272,052	*	0
3400 OTHER ANIMALS	12	9.3	178,700	684,948	*	0
3800 FOOD	6	4.0	73,913	155,723	*	0
3900 HOUSING & EQUIP	3	0.5	30,729	62,623	*	0
4000 PEOPLE AS INDIVIDUAL	9	2.3	58,777	102,036	*	0
4100 FAMILY MEMBERS	7	1.3	35,852	55,159	*	0
4200 FARM AS BUSINESS	2	0.2	2,371	5,713	*	0
4300 SOC POLIT ORGANIZ	12	6.6	169,511	275,557	*	0
4400 AGRIC ECONOMY U S	1	0.5	17,761	23,491	*	0
4700 OTH MARKET PROCESS	1	0.1	14,816	21,203	*	0
4800 MARKETING SYSTEMS	2	0.8	23,963	39,616	*	0
6400 EXP DESIGN/STAT METH	3	0.4	3,022	22,274	*	0
6500 INVERTEBRATES	1	0.3	1,100	15,683	*	0
6700 PLANTS	9	3.6	70,652	300,063	*	549
6800 ANIMALS(VERTEBRATES)	2	0.1	1,320	6,353	*	41
6900 RESEARCH ON RSCH MGM	2	1.2	18,552	50,442	*	0
7000 RSCH EQUIP & TECHNOL	2	0.3	9,105	26,006	*	0
9900 UNCLASSIFIED	3	2.1	96,516	255,559	*	0
TOTAL	279	109.3	3,163,991	8,886,033	*	99,936

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - LOUISANA BATON ROUGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	23	5.6	95,338	409,961	*	13,727
0200 WATER	9	0.9	13,197	59,061	*	3,574
0500 RECREATION RESOURCES	3	0.5	9,327	18,918	*	0
0600 TIMBER FORST PRODUCT	35	8.7	193,689	650,542	*	9,363
0700 RANGE	1	0.2	0	16,392	*	0
0800 WILDLIFE AND FISH	28	11.3	11,831	752,601	*	189
0900 CITRUS SUB TROP FRUT	7	1.6	2,566	148,057	*	0
1000 FRUIT NUTS DECIDUOUS	28	7.1	13,426	617,009	*	0
1100 POTATOES	4	1.0	26,885	78,151	*	0
1200 VEGETABLES	45	16.1	159,485	1,160,254	*	20,046
1300 ORNAMENTALS TURF	17	6.5	7,408	413,453	*	0
1400 CORN	17	2.5	19,327	179,624	*	0
1500 GRAIN SORGHUM	12	2.6	6,546	133,906	*	0
1600 RICE	35	15.3	86,524	1,024,410	*	6,016
1700 WHEAT	8	0.8	3,307	66,841	*	0
1800 OTHER SMALL GRAINS	7	0.7	12,834	38,078	*	0
1900 PASTURE	27	5.0	29,793	580,264	*	3,774
2000 FORAGE CROPS	33	5.5	56,783	538,612	*	0
2100 COTTON	38	12.7	174,218	990,163	*	38,830
2200 COTTONSEED	1	0.3	7,534	15,762	*	0
2300 SOYBEANS	37	10.7	187,205	1,258,503	*	33,104
2500 OTHER OILSEED CROPS	1	0.6	7,858	16,774	*	0
2700 SUGAR CROPS	26	12.7	79,425	785,859	*	1,282
2800 MISC NEW CROPS	3	0.5	9	10,552	*	5,379
2900 POULTRY	14	5.3	127,022	805,484	*	1,368
3000 BEEF CATTLE	60	19.1	290,538	2,518,316	*	13,132
3100 DAIRY CATTLE	45	14.1	162,700	1,954,904	*	7,736
3200 SWINE	5	1.4	15,243	185,819	*	0
3300 SHEEP AND WOOL	2	0.4	0	35,885	*	0
3400 OTHER ANIMALS	18	3.0	88,513	433,883	*	22,366
3600 FARM SUPP & FACILITS	4	1.6	5,255	117,188	*	0
3700 CLOTHING & TEXTILES	5	0.8	17,531	63,479	*	0
3800 FOOD	7	2.2	27,730	104,291	*	0
3900 HOUSING & EQUIP	6	1.6	6,258	113,685	*	20,342
4000 PEOPLE AS INDIVIDUAL	16	3.8	38,431	199,023	*	22,142
4100 FAMILY MEMBERS	6	1.7	27,845	58,705	*	0
4200 FARM AS BUSINESS	6	1.7	9,080	75,401	*	2,334
4300 SOC POLIT ORGANIZ	10	2.5	88,968	141,740	*	0
4400 AGRIC ECONOMY U S	2	0.4	0	25,713	*	0
4600 FARM COOPERATIVES	1	0.2	4,539	11,082	*	0
4700 OTH MARKET PROCESS	1	0.2	7,039	14,239	*	0
4800 MARKETING SYSTEMS	4	1.4	12,244	67,952	*	33,237
6400 EXP DESIGN/STAT METH	3	0.1	0	9,669	*	0
6500 INVERTEBRATES	6	2.3	3,843	86,977	*	280
6700 PLANTS	7	2.1	61,889	167,028	*	0
6800 ANIMALS(VERTEBRATES)	3	0.3	15,624	32,574	*	0
6900 RESEARCH ON RSCH MGM	2	2.7	0	187,040	*	0
7000 RSCH EQUIP & TECHNOL	1	0.8	0	57,544	*	0
9900 UNCLASSIFIED	1	5.7	0	1	*	0
TOTAL	680	204.7	2,214,806	17,431,369	*	258,221

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - MAINE ORONO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	11	4.0	108,172	180,170	*	4,422
0200 WATER	2	0.4	6,827	17,270	*	7
0400 AIR AND CLIMATE	1	0.4	19,930	28,882	*	432
0500 RECREATION RESOURCES	5	1.5	28,050	87,107	*	133
0600 TIMBER FORST PRODUCT	31	15.7	273,692	1,057,968	*	59,530
0800 WILDLIFE AND FISH	12	4.3	68,140	456,093	*	14,311
1000 FRUIT NUTS DECIDUOUS	11	4.7	138,756	419,871	*	0
1100 POTATOES	18	10.1	255,639	680,003	*	0
1200 VEGETABLES	2	0.5	6,707	17,780	*	0
1400 CORN	2	0.4	8,644	12,226	*	0
2000 FORAGE CROPS	3	0.8	28,801	44,673	*	0
2900 POULTRY	9	3.8	95,353	274,274	*	0
3100 DAIRY CATTLE	12	4.9	142,598	500,540	*	0
3300 SHEEP AND WOOL	3	0.5	16,961	79,532	*	0
3400 OTHER ANIMALS	1	0.1	2,685	8,304	*	0
3900 HOUSING & EQUIP	3	1.0	24,012	78,305	*	0
4000 PEOPLE AS INDIVIDUAL	6	2.0	42,438	70,963	*	133
4200 FARM AS BUSINESS	1	0.2	0	4,522	*	0
4300 SOC POLIT ORGANIZ	6	2.0	62,828	95,124	*	347
4800 MARKETING SYSTEMS	1	0.2	6,317	10,787	*	0
6300 BIO CELL SYSTEMS	1	0.4	8,760	41,328	*	0
6500 INVERTEBRATES	3	1.9	16,324	46,137	*	25,027
6600 MICROORGANISMS,VIRUS	2	0.8	24,005	91,935	*	0
6700 PLANTS	3	0.3	6,231	15,980	*	5,071
6800 ANIMALS(VERTEBRATES)	1	0.4	0	13,578	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	9,932	*	5,191
9900 UNCLASSIFIED	1	0.6	18,997	113,932	*	0
TOTAL	152	61.7	1,410,866	4,457,215	*	114,602

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - MARYLAND COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	14	2.7	87,461	246,831	*	0
0200 WATER	9	2.6	67,153	167,505	*	0
0300 WATERSHEDS RIVER BAS	2	0.4	15,035	26,405	*	0
0500 RECREATION RESOURCES	5	0.7	33,415	71,391	*	0
0600 TIMBER FORST PRODUCT	12	5.6	177,814	299,559	*	0
0700 RANGE	1	0.1	0	898	*	0
0800 WILDLIFE AND FISH	7	1.8	14,941	67,353	*	0
0900 CITRUS SUB TROP FRUT	1	0.1	1,814	4,178	*	0
1000 FRUIT NUTS DECIDUOUS	14	3.2	97,839	263,299	*	0
1100 POTATOES	3	0.4	8,758	18,881	*	0
1200 VEGETABLES	25	6.1	155,813	449,815	*	0
1300 ORNAMENTALS TURF	16	3.8	69,292	241,747	*	0
1400 CORN	10	1.9	47,653	159,750	*	0
1700 WHEAT	3	0.5	18,025	50,664	*	0
1800 OTHER SMALL GRAINS	2	0.3	9,827	28,618	*	0
1900 PASTURE	1	0.1	0	17,182	*	0
2000 FORAGE CROPS	8	2.4	35,479	269,531	*	0
2100 COTTON	1	0.2	4,200	10,381	*	0
2300 SOYBEANS	12	3.2	44,947	274,230	*	35,477
2600 TOBACCO	9	2.9	24,183	245,186	*	0
2800 MISC NEW CROPS	1	0.3	4,522	6,640	*	0
2900 POULTRY	18	11.3	231,503	711,657	*	0
3000 BEEF CATTLE	8	3.1	53,610	285,861	*	0
3100 DAIRY CATTLE	16	6.6	113,715	688,714	*	0
3200 SWINE	2	0.5	20,868	46,931	*	0
3300 SHEEP AND WOOL	2	0.5	17,254	52,184	*	0
3400 OTHER ANIMALS	12	4.2	31,504	308,185	*	0
3500 BEES AND HONEY	1	0.3	1,069	12,662	*	0
3700 CLOTHING & TEXTILES	1	0.4	12,551	12,551	*	0
3800 FOOD	7	2.1	73,797	129,066	*	0
3900 HOUSING & EQUIP	2	0.8	6,316	6,630	*	0
4000 PEOPLE AS INDIVIDUAL	10	2.5	98,263	174,956	*	0
4100 FAMILY MEMBERS	2	0.3	7,748	8,666	*	0
4200 FARM AS BUSINESS	2	0.7	12,736	30,392	*	0
4300 SOC POLIT ORGANIZ	6	1.4	76,600	125,231	*	0
4400 AGRIC ECONOMY U S	2	0.2	3,799	9,720	*	0
4500 AGRIC ECONOMY FORGN	2	0.4	4,284	14,831	*	0
6400 EXP DESIGN/STAT METH	1	0.0	748	1,983	*	0
6600 MICROORGANISMS,VIRUS	2	0.6	3,958	35,277	*	0
6700 PLANTS	12	4.0	58,520	204,939	*	2,959
6800 ANIMALS(VERTEBRATES)	2	0.1	451	1,341	*	223
7000 RSCH EQUIP & TECHNCL	1	0.4	0	26,350	*	0
TOTAL	267	79.7	1,747,463	5,808,171	*	38,659

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - MASSACHUSETTS AMHERST SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	6	2.6	119,396	230,965	*	31,199
0200 WATER	5	1.5	39,080	83,645	*	0
0300 WATERSHEDS RIVER BAS	1	0.3	9,243	19,960	*	0
0500 RECREATION RESOURCES	2	0.5	17,924	37,299	*	0
0600 TIMBER FORST PRODUCT	18	4.9	184,452	433,981	*	2,500
0800 WILDLIFE AND FISH	2	0.7	20,918	74,039	*	0
1000 FRUIT NUTS DECIDUOUS	17	8.1	173,547	480,400	*	12,000
1100 POTATOES	1	0.1	5,427	7,089	*	0
1200 VEGETABLES	16	4.4	126,036	280,455	*	16,799
1300 ORNAMENTALS TURF	7	2.0	38,836	102,539	*	0
1400 CORN	7	1.8	52,524	113,179	*	7,390
2000 FORAGE CROPS	5	1.8	49,995	96,236	*	21,077
2800 MISC NEW CROPS	2	0.1	6,732	9,321	*	0
2900 POULTRY	8	3.8	75,561	284,526	*	0
3000 BEEF CATTLE	5	0.7	32,175	65,625	*	0
3100 DAIRY CATTLE	8	1.8	89,040	200,530	*	0
3300 SHEEP AND WOOL	1	0.0	3,403	6,391	*	0
3400 OTHER ANIMALS	2	0.4	5,256	17,905	*	0
3800 FOOD	10	4.1	249,614	464,118	*	3,700
3900 HOUSING & EQUIP	2	0.5	18,654	61,366	*	0
4000 PEOPLE AS INDIVIDUAL	7	3.5	80,594	169,500	*	0
4300 SOC POLIT ORGANIZ	2	0.6	27,488	82,453	*	5,234
4400 AGRIC ECONOMY U S	1	0.6	25,967	68,283	*	0
6500 INVERTEBRATES	1	0.1	13,266	29,398	*	0
6700 PLANTS	4	1.4	22,470	50,662	*	0
6800 ANIMALS(VERTEBRATES)	1	0.3	3,200	13,138	*	0
TOTAL	141	46.4	1,490,794	3,483,002	*	99,899

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - MICHIGAN LANSING SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	37	9.0	196,372	1,003,047	*	0
0200 WATER	18	2.8	41,907	564,180	*	0
0300 WATERSHEDS RIVER BAS	3	0.1	18,377	38,676	*	0
0400 AIR AND CLIMATE	4	0.2	6,829	24,738	*	0
0500 RECREATION RESOURCES	12	2.7	55,048	201,744	*	0
0600 TIMBER FORST PRODUCT	27	6.8	155,324	740,235	*	118,828
0800 WILDLIFE AND FISH	18	4.2	82,746	626,605	*	0
1000 FRUIT NUTS DECIDUOUS	55	15.5	227,026	1,463,999	*	20,245
1100 POTATOES	11	2.6	53,299	195,128	*	0
1200 VEGETABLES	43	11.7	237,722	1,083,182	*	49,431
1300 ORNAMENTALS TURF	16	5.5	23,555	395,237	*	0
1400 CORN	18	3.1	90,097	411,632	*	0
1500 GRAIN SORGHUM	1	0.5	0	43,142	*	0
1600 RICE	1	0.0	0	359	*	0
1700 WHEAT	12	2.5	6,044	297,700	*	0
1800 OTHER SMALL GRAINS	12	3.1	31,494	226,967	*	0
1900 PASTURE	2	0.1	0	28,033	*	0
2000 FORAGE CROPS	17	3.8	68,814	494,164	*	0
2300 SOYBEANS	13	2.2	41,278	210,676	*	325
2600 TOBACCO	1	0.0	0	3,802	*	0
2700 SUGAR CROPS	4	0.3	1,735	39,850	*	0
2800 MISC NEW CROPS	2	0.2	2,327	12,361	*	0
2900 POULTRY	27	6.5	144,757	580,629	*	38,898
3000 BEEF CATTLE	21	3.3	79,324	914,140	*	16,361
3100 DAIRY CATTLE	33	9.9	206,946	1,238,849	*	16,361
3200 SWINE	15	4.1	123,289	528,777	*	0
3300 SHEEP AND WOOL	6	0.7	28,279	116,600	*	6,279
3400 OTHER ANIMALS	12	2.2	59,707	192,362	*	0
3500 BEES AND HONEY	1	0.0	0	26,324	*	0
3600 FARM SUPP & FACILITS	7	2.5	26,637	128,583	*	0
3700 CLOTHING & TEXTILES	1	0.3	4,230	4,230	*	0
3800 FOOD	22	4.9	121,285	631,268	*	43,463
3900 HOUSING & EQUIP	11	2.1	26,629	175,729	*	874
4000 PEOPLE AS INDIVIDUAL	21	4.9	83,013	267,826	*	41,440
4100 FAMILY MEMBERS	16	3.3	58,067	290,778	*	0
4200 FARM AS BUSINESS	7	1.9	34,651	141,649	*	0
4300 SOC POLIT ORGANIZ	15	3.4	105,237	293,297	*	14,926
4400 AGRIC ECONOMY U S	6	1.3	15,621	154,016	*	21,411
4500 AGRIC ECONOMY FORGN	4	0.9	1,280	151,185	*	84,608
4600 FARM COOPERATIVES	1	0.1	5,339	8,915	*	326
4700 OTH MARKET PROCESS	1	0.1	5,339	8,915	*	326
4800 MARKETING SYSTEMS	5	1.3	32,170	90,680	*	279
6300 BIO CELL SYSTEMS	9	3.5	74,708	413,788	*	0
6400 EXP DESIGN/STAT METH	10	4.1	51,685	300,481	*	42,750
6500 INVERTEBRATES	6	1.0	16,612	223,879	*	75,875
6600 MICROORGANISMS,VIRUS	11	2.6	50,993	267,357	*	338
6700 PLANTS	29	12.3	121,136	1,089,949	*	106,650
6800 ANIMALS(VERTEBRATES)	28	10.2	160,310	974,040	*	8,001
6900 RESEARCH ON RSCH MGM	3	0.8	28,006	70,015	*	0
7000 RSCH EQUIP & TECHNOL	12	3.4	56,635	385,751	*	43,334
9900 UNCLASSIFIED	3	0.9	6,401	96,287	*	0
TOTAL	670	169.4	3,068,279	17,871,755	*	751,326

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - MINNESOTA ST PAUL SAES

	CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100	SOIL AND LAND	22	11.8	190,720	1,877,498	*	91,704
0200	WATER	7	0.9	13,050	79,605	*	0
0300	WATERSHEDS RIVER BAS	2	0.8	16,028	88,229	*	0
0400	AIR AND CLIMATE	4	0.8	42,247	129,656	*	0
0500	RECREATION RESOURCES	6	1.9	60,364	168,320	*	0
0600	TIMBER FORST PRODUCT	31	16.4	273,950	1,309,835	*	45,308
0700	RANGE	1	0.2	1,997	15,003	*	0
0800	WILDLIFE AND FISH	10	4.8	51,843	425,558	*	0
1000	FRUIT NUTS DECIDUOUS	4	2.1	17,906	610,448	*	0
1100	POTATOES	14	7.9	90,687	598,312	*	2,700
1200	VEGETABLES	17	4.6	47,782	517,310	*	6,184
1300	ORNAMENTALS TURF	11	5.5	50,817	817,506	*	0
1400	CORN	30	10.5	284,564	1,427,906	*	84,580
1600	RICE	6	1.9	1,729	325,723	*	0
1700	WHEAT	12	2.7	45,057	348,903	*	5,432
1800	OTHER SMALL GRAINS	9	5.5	83,555	562,545	*	0
2000	FORAGE CROPS	17	5.2	166,652	757,009	*	5,958
2300	SOYBEANS	22	8.1	68,633	960,848	*	93,090
2500	OTHER OILSEED CROPS	2	0.6	0	40,760	*	0
2800	MISC NEW CROPS	3	2.7	0	231,464	*	0
2900	POULTRY	17	7.6	212,598	1,061,114	*	52,000
3000	BEEF CATTLE	13	4.6	135,604	1,389,441	*	47,750
3100	DAIRY CATTLE	30	11.4	292,222	2,378,296	*	69,156
3200	SWINE	17	7.3	181,424	1,195,890	*	6,250
3300	SHEEP AND WOOL	8	3.0	44,220	683,327	*	0
3400	OTHER ANIMALS	7	0.8	35,322	101,988	*	0
3500	BEES AND HONEY	2	0.3	0	21,625	*	0
3600	FARM SUPP & FACILITS	2	0.5	16,599	112,587	*	5,432
3700	CLOTHING & TEXTILES	4	1.5	43,026	193,778	*	0
3800	FOOD	25	8.4	177,577	983,090	*	25,774
3900	HOUSING & EQUIP	3	0.5	0	39,597	*	0
4000	PEOPLE AS INDIVIDUAL	10	6.6	131,041	317,151	*	0
4100	FAMILY MEMBERS	9	2.3	23,674	252,175	*	0
4200	FARM AS BUSINESS	3	1.0	0	78,767	*	0
4300	SOC POLIT ORGANIZ	7	2.4	111,116	192,157	*	0
4400	AGRIC ECONOMY U S	3	0.7	28,998	66,911	*	0
4500	AGRIC ECONOMY FORGN	2	0.6	22,507	40,756	*	0
4800	MARKETING SYSTEMS	2	0.4	22,046	44,472	*	15,000
6100	WEEDS	1	0.1	0	11,161	*	0
6200	SEED RESEARCH	1	0.2	3,342	5,999	*	0
6300	BIO CELL SYSTEMS	4	1.2	4,890	296,610	*	0
6400	EXP DESIGN/STAT METH	1	0.9	16,658	32,597	*	0
6500	INVERTEBRATES	4	2.0	12,448	149,992	*	1,248
6600	MICROORGANISMS,VIRUS	1	0.1	0	8,912	*	480
6700	PLANTS	12	5.2	72,104	577,493	*	8,521
6800	ANIMALS(VERTEBRATES)	8	2.2	8,590	209,916	*	641
6900	RESEARCH ON RSCH MGM	2	1.2	0	51,779	*	0
7000	RSCH EQUIP & TECHNOL	4	1.7	39,591	189,020	*	51,400
9900	UNCLASSIFIED	1	0.2	0	43,800	*	0
TOTAL		433	169.7	3,143,176	22,022,837	*	618,609

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - MISSISSIPPI STATE COLLEGE SAES

	CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100	SOIL AND LAND	13	5.6	72,721	409,242	*	3,030
0200	WATER	9	1.2	15,286	99,503	*	28,079
0300	WATERSHEDS RIVER BAS	1	0.0	0	229	*	0
0500	RECREATION RESOURCES	1	0.1	0	7,143	*	0
0600	TIMBER FORST PRODUCT	31	23.3	295,112	1,551,001	*	127,639
0700	RANGE	3	0.3	3,819	16,230	*	1,839
0800	WILDLIFE AND FISH	18	7.4	144,530	490,067	*	19,060
1000	FRUIT NUTS DECIDUOUS	10	7.0	71,672	1,006,580	*	17
1100	POTATOES	1	0.2	3,263	9,999	*	0
1200	VEGETABLES	19	10.2	174,939	648,239	*	77
1300	ORNAMENTALS TURF	7	5.2	110,182	448,721	*	43
1400	CORN	15	1.9	33,279	216,188	*	29,437
1500	GRAIN SORGHUM	8	0.6	9,556	48,599	*	4
1600	RICE	8	2.0	31,496	132,261	*	27
1700	WHEAT	6	0.9	22,304	45,890	*	1,172
1800	OTHER SMALL GRAINS	7	0.6	11,564	42,415	*	39
1900	PASTURE	3	1.5	3,819	87,336	*	0
2000	FORAGE CROPS	16	6.6	194,135	704,694	*	3,400
2100	COTTON	41	19.9	314,556	1,818,137	*	228,643
2200	COTTONSEED	1	0.3	7,362	10,568	*	52
2300	SOYBEANS	45	10.4	198,875	1,212,619	*	95,607
2400	PEANUTS	3	0.1	2,964	10,619	*	0
2500	OTHER OILSEED CROPS	1	0.0	872	1,874	*	378
2600	TOBACCO	1	0.4	29,987	57,831	*	0
2800	MISC NEW CROPS	1	0.0	0	983	*	5
2900	POULTRY	19	6.8	196,945	558,650	*	152
3000	BEEF CATTLE	16	10.6	380,388	1,863,664	*	20,924
3100	DAIRY CATTLE	14	7.8	248,031	1,053,134	*	280
3200	SWINE	8	4.0	80,599	415,049	*	16
3300	SHEEP AND WOOL	1	0.4	0	44,770	*	0
3400	OTHER ANIMALS	5	1.0	12,484	106,007	*	0
3600	FARM SUPP & FACILITS	1	0.5	0	41,357	*	0
3900	HOUSING & EQUIP	1	0.1	2,597	15,334	*	2
4000	PEOPLE AS INDIVIDUAL	9	6.0	131,900	327,471	*	12,699
4200	FARM AS BUSINESS	2	0.9	27,361	43,150	*	203
4300	SOC POLIT ORGANIZ	7	0.6	2,384	58,442	*	39,493
4600	FARM COOPERATIVES	2	0.2	1,301	8,691	*	1,678
4700	OTH MARKET PROCESS	2	0.3	11,981	18,783	*	90
4800	MARKETING SYSTEMS	2	0.4	10,984	29,085	*	9,049
6200	SEED RESEARCH	3	0.7	37,023	59,335	*	0
6300	BIO CELL SYSTEMS	1	0.1	2,957	4,474	*	0
6500	INVERTEBRATES	4	0.2	0	26,817	*	0
6600	MICROORGANISMS,VIRUS	1	0.0	0	2,443	*	0
6700	PLANTS	6	0.3	19,523	593,830	*	809
6800	ANIMALS(VERTEBRATES)	3	0.6	19,666	32,464	*	0
9900	UNCLASSIFIED	1	0.0	0	5,292	*	0
TOTAL		377	147.3	2,938,416	14,385,208	*	623,941

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - MISSOURI COLUMBIA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	19	5.7	115,269	565,235	*	9,927
0200 WATER	8	1.4	26,378	174,727	*	2,367
0300 WATERSHEDS RIVER BAS	2	2.0	36,268	200,852	*	49,021
0400 AIR AND CLIMATE	7	2.5	90,441	365,675	*	8,055
0500 RECREATION RESOURCES	1	0.5	4,505	48,794	*	6,437
0600 TIMBER FORST PRODUCT	10	8.3	154,657	573,259	*	30,197
0800 WILDLIFE AND FISH	3	1.3	15,406	277,070	*	8,205
0900 CITRUS SUB TROP FRUT	2	0.5	8,393	26,876	*	0
1000 FRUIT NUTS DECIDUOUS	10	4.1	95,203	411,365	*	19,732
1100 POTATOES	1	0.0	1,033	4,431	*	0
1200 VEGETABLES	7	1.8	56,601	198,325	*	0
1300 ORNAMENTALS TURF	4	2.5	50,699	176,456	*	0
1400 CORN	24	9.9	192,403	989,821	*	251,466
1500 GRAIN SORGHUM	9	1.8	26,524	163,055	*	33,790
1700 WHEAT	10	2.7	67,629	246,950	*	2,122
1800 OTHER SMALL GRAINS	5	0.8	15,007	89,494	*	0
1900 PASTURE	6	1.6	54,887	184,530	*	11,765
2000 FORAGE CROPS	18	6.9	114,428	466,138	*	36,736
2100 COTTON	7	4.9	31,585	293,395	*	0
2300 SOYBEANS	25	7.5	123,157	668,127	*	71,899
2500 OTHER OILSEED CROPS	1	0.4	5,841	21,819	*	0
2600 TOBACCO	1	0.1	2,247	7,130	*	0
2700 SUGAR CROPS	1	0.3	5,616	17,824	*	0
2800 MISC NEW CROPS	3	1.3	16,601	79,616	*	0
2900 POULTRY	17	6.3	164,143	560,966	*	2,485
3000 BEEF CATTLE	24	8.8	286,801	843,868	*	54,425
3100 DAIRY CATTLE	19	8.5	277,025	929,443	*	22,611
3200 SWINE	16	6.8	241,207	732,388	*	52,551
3300 SHEEP AND WOOL	4	1.4	52,011	152,277	*	8,947
3400 OTHER ANIMALS	11	2.3	61,661	170,812	*	5,965
3600 FARM SUPP & FACILITS	2	0.2	1,202	49,023	*	3,529
3800 FOOD	8	1.8	73,092	221,094	*	20
3900 HOUSING & EQUIP	1	0.4	4,652	35,595	*	789
4000 PEOPLE AS INDIVIDUAL	7	2.6	86,251	273,146	*	4,471
4100 FAMILY MEMBERS	3	1.2	22,110	72,681	*	0
4200 FARM AS BUSINESS	5	1.6	40,121	150,734	*	4,878
4300 SOC POLIT ORGANIZ	7	3.0	71,573	208,387	*	4,539
4400 AGRIC ECONOMY U S	6	1.6	19,033	152,854	*	60,962
4500 AGRIC ECONOMY FORGN	1	1.1	0	53,233	*	0
4600 FARM COOPERATIVES	3	1.1	33,242	72,177	*	3,486
4700 OTH MARKET PROCESS	2	0.7	15,992	42,774	*	430
4800 MARKETING SYSTEMS	6	1.0	31,827	126,166	*	51,182
6300 BIO CELL SYSTEMS	2	0.8	13,154	47,934	*	0
6400 EXP DESIGN/STAT METH	2	0.1	3,409	16,010	*	5,172
6500 INVERTEBRATES	3	1.1	6,036	85,270	*	0
6700 PLANTS	14	4.4	52,130	501,996	*	108,051
6800 ANIMALS(VERTEBRATES)	9	4.1	102,464	447,630	*	59,105
7000 RSCH EQUIP & TECHNCL	4	0.2	8,112	47,107	*	0
9900 UNCLASSIFIED	1	0.0	17,039	27,247	*	0
TOTAL	361	129.8	2,995,062	12,271,773	*	995,316

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - MONTANA BOZEMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	17	9.2	61,795	907,696	*	6,196
0200 WATER	12	4.0	40,046	319,808	*	1,540
0400 AIR AND CLIMATE	2	0.6	6,702	18,617	*	0
0500 RECREATION RESOURCES	2	0.4	1,457	21,122	*	0
0700 RANGE	17	3.4	72,646	287,300	*	7,741
0800 WILDLIFE AND FISH	3	0.7	18,260	106,288	*	0
1000 FRUIT NUTS DECIDUOUS	2	0.6	0	24,322	*	0
1100 POTATOES	2	0.2	2,570	22,095	*	0
1200 VEGETABLES	4	0.5	4,198	29,218	*	0
1300 ORNAMENTALS TURF	6	1.2	17,622	71,476	*	0
1400 CORN	6	0.6	2,570	64,069	*	0
1500 GRAIN SORGHUM	1	0.1	0	8,065	*	0
1700 WHEAT	31	10.1	159,004	673,996	*	6,543
1800 OTHER SMALL GRAINS	33	6.6	137,135	527,021	*	1,636
1900 PASTURE	4	0.4	435	24,965	*	0
2000 FORAGE CROPS	26	6.7	64,195	529,201	*	28,143
2500 OTHER OILSEED CROPS	5	1.1	2,222	102,345	*	0
2700 SUGAR CROPS	8	1.2	2,570	138,830	*	0
2900 POULTRY	2	1.1	23,506	82,364	*	0
3000 BEEF CATTLE	32	18.1	419,025	2,082,727	*	2,548
3100 DAIRY CATTLE	4	1.1	44,395	185,708	*	0
3200 SWINE	5	0.9	34,514	312,905	*	0
3300 SHEEP AND WOOL	8	2.1	59,577	272,548	*	0
3400 OTHER ANIMALS	2	0.2	9,497	21,067	*	0
3600 FARM SUPP & FACILITS	2	0.7	15,006	59,357	*	0
3800 FOOD	1	0.2	0	9,678	*	0
3900 HOUSING & EQUIP	2	0.4	0	22,439	*	750
4000 PEOPLE AS INDIVIDUAL	6	0.8	16,466	82,123	*	26,598
4200 FARM AS BUSINESS	2	0.6	5,898	30,079	*	0
4300 SOC POLIT ORGANIZ	3	0.4	574	24,720	*	0
4400 AGRIC ECONOMY U S	1	0.7	2,769	21,408	*	0
4700 OTH MARKET PROCESS	1	0.1	348	348	*	0
6500 INVERTEBRATES	1	0.6	0	74,305	*	0
6700 PLANTS	9	1.8	33,345	145,572	*	5,984
6800 ANIMALS(VERTEBRATES)	1	0.0	0	3,475	*	0
7000 RSCH EQUIP & TECHNOL	2	0.1	27	44,233	*	0
9900 UNCLASSIFIED	1	2.5	0	172,945	*	0
TOTAL	266	79.8	1,258,373	7,524,436	*	87,679

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NEBRASKA LINCOLN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	24	6.8	99,165	577,455	*	1,929
0200 WATER	30	7.3	88,055	698,602	*	10,817
0400 AIR AND CLIMATE	6	1.9	19,059	137,223	*	0
0500 RECREATION RESOURCES	2	0.1	44	3,995	*	0
0600 TIMBER FORST PRODUCT	6	1.1	34,832	77,793	*	4,051
0700 RANGE	9	1.7	18,475	175,196	*	9,257
0800 WILDLIFE AND FISH	3	0.3	1,921	24,161	*	0
1100 POTATOES	6	1.0	18,876	109,740	*	0
1200 VEGETABLES	21	3.9	53,096	343,749	*	26,689
1300 ORNAMENTALS TURF	8	2.6	26,108	174,571	*	0
1400 CORN	55	13.0	253,144	1,234,407	*	8,449
1500 GRAIN SORGHUM	36	7.6	169,245	764,717	*	18,217
1700 WHEAT	31	9.1	107,764	619,308	*	25,976
1800 OTHER SMALL GRAINS	5	1.4	5,192	117,522	*	0
1900 PASTURE	9	0.9	14,250	125,569	*	2,398
2000 FORAGE CROPS	36	6.2	135,383	631,837	*	24,045
2300 SOYBEANS	26	5.6	99,912	535,341	*	18,696
2500 OTHER OILSEED CROPS	1	0.0	0	3,267	*	0
2700 SUGAR CROPS	7	0.5	10,055	47,177	*	0
2800 MISC NEW CROPS	1	0.1	2,708	10,765	*	0
2900 POULTRY	13	5.1	93,061	555,287	*	0
3000 BEEF CATTLE	37	14.1	245,491	5,212,107	*	269,883
3100 DAIRY CATTLE	15	4.7	74,270	673,317	*	4,545
3200 SWINE	27	12.6	147,734	2,095,398	*	51,529
3300 SHEEP AND WOOL	6	0.8	4,291	140,428	*	4,354
3400 OTHER ANIMALS	1	0.5	0	53,298	*	0
3600 FARM SUPP & FACILITS	2	2.7	7,982	227,727	*	0
3700 CLOTHING & TEXTILES	2	0.6	7,228	37,727	*	0
3800 FOOD	12	2.0	59,734	218,144	*	0
3900 HOUSING & EQUIP	3	0.2	114	13,211	*	1,982
4000 PEOPLE AS INDIVIDUAL	14	4.4	52,183	344,824	*	0
4100 FAMILY MEMBERS	6	2.5	17,924	85,903	*	0
4200 FARM AS BUSINESS	8	2.7	24,163	100,355	*	928
4300 SOC POLIT ORGANIZ	5	1.2	27,488	74,772	*	4,336
4400 AGRIC ECONOMY U S	1	0.1	2,699	7,220	*	0
4800 MARKETING SYSTEMS	3	1.4	22,618	64,787	*	6,504
6100 WEEDS	3	0.5	19,931	53,946	*	0
6200 SEED RESEARCH	1	1.0	0	250,792	*	0
6400 EXP DESIGN/STAT METH	2	2.8	658	151,257	*	0
6500 INVERTEBRATES	1	0.5	7,065	33,339	*	0
6600 MICROORGANISMS,VIRUS	5	1.8	23,737	116,171	*	0
6700 PLANTS	13	3.5	41,188	576,682	*	6,382
6800 ANIMALS(VERTEBRATES)	6	0.9	2,542	386,382	*	709
7000 RSCH EQUIP & TECHNOL	1	0.1	658	3,213	*	0
9900 UNCLASSIFIED	2	5.0	0	1,090,362	*	54,337
TOTAL	511	142.4	2,040,041	18,979,042	*	556,012

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NEVADA RENO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	11	1.7	49,809	122,819	*	0
0200 WATER	7	2.8	29,172	110,066	*	0
0300 WATERSHEDS RIVER BAS	5	0.9	16,331	92,311	*	15,829
0400 AIR AND CLIMATE	1	0.3	16,851	24,445	*	0
0500 RECREATION RESOURCES	7	1.6	31,305	74,739	*	0
0600 TIMBER FORST PRODUCT	8	0.9	10,437	75,950	*	17,619
0700 RANGE	12	2.6	29,715	198,752	*	33,670
0800 WILDLIFE AND FISH	10	1.4	17,771	146,683	*	17,771
1200 VEGETABLES	3	0.5	2,726	39,077	*	0
1300 ORNAMENTALS TURF	2	0.8	10,991	52,147	*	0
1700 WHEAT	2	0.3	1,169	25,199	*	0
1800 OTHER SMALL GRAINS	2	0.3	1,169	25,199	*	0
1900 PASTURE	1	0.3	0	20,059	*	0
2000 FORAGE CROPS	17	6.4	106,841	448,015	*	35,492
2700 SUGAR CROPS	1	0.0	1,227	4,941	*	0
3000 BEEF CATTLE	21	8.9	247,332	927,450	*	0
3100 DAIRY CATTLE	7	1.6	31,435	221,300	*	0
3300 SHEEP AND WOOL	5	0.8	11,828	55,679	*	0
3400 OTHER ANIMALS	5	0.5	21,560	56,136	*	0
3500 BEES AND HONEY	2	1.1	17,854	55,269	*	0
3700 CLOTHING & TEXTILES	1	0.1	3,720	7,357	*	0
3800 FOOD	3	0.5	22,396	56,066	*	0
3900 HOUSING & EQUIP	1	0.0	5,423	18,748	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.3	4,143	17,068	*	0
4100 FAMILY MEMBERS	3	0.8	33,290	52,489	*	0
4300 SOC POLIT ORGANIZ	8	1.5	34,220	70,305	*	0
6600 MICROORGANISMS,VIRUS	1	0.7	20,207	40,753	*	0
6700 PLANTS	4	0.6	15,580	36,588	*	7,060
6800 ANIMALS(VERTEBRATES)	3	0.3	11,961	37,537	*	1,246
7000 RSCH EQUIP & TECHNOL	2	0.1	2,716	16,978	*	8,011
9900 UNCLASSIFIED	1	0.0	0	9,128	*	4,530
TOTAL	158	38.5	809,179	3,139,253	*	141,227

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NEW HAMPSHIRE DURHAM SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	7	1.2	30,385	63,889	*	0
0200 WATER	3	0.6	23,084	23,778	*	0
0300 WATERSHEDS RIVER BAS	1	0.5	11,450	18,514	*	0
0400 AIR AND CLIMATE	1	0.2	0	12,439	*	0
0500 RECREATION RESOURCES	1	0.4	22,285	22,416	*	0
0600 TIMBER FORST PRODUCT	16	5.2	203,527	361,559	*	0
0800 WILDLIFE AND FISH	4	1.0	9,729	59,529	*	0
1000 FRUIT NUTS DECIDUOUS	5	0.8	37,803	64,323	*	0
1100 POTATOES	1	0.0	1,980	2,177	*	0
1200 VEGETABLES	7	1.6	90,789	174,490	*	0
1300 ORNAMENTALS TURF	2	0.4	25,816	34,211	*	0
1400 CORN	2	0.7	41,734	84,746	*	0
2000 FORAGE CROPS	5	1.1	22,950	109,769	*	18,170
2300 SOYBEANS	1	0.3	2,295	4,942	*	0
2900 POULTRY	4	2.4	161,630	302,314	*	0
3000 BEEF CATTLE	1	0.0	1,980	2,177	*	0
3100 DAIRY CATTLE	7	3.1	148,823	314,931	*	0
3200 SWINE	1	0.0	1,980	2,177	*	0
3400 OTHER ANIMALS	4	1.6	64,697	148,265	*	0
3800 FOOD	1	0.0	1,554	2,085	*	0
3900 HOUSING & EQUIP	4	0.9	28,257	38,757	*	0
4000 PEOPLE AS INDIVIDUAL	2	1.1	32,261	38,218	*	0
4300 SOC POLIT ORGANIZ	2	0.6	5,606	8,306	*	0
4800 MARKETING SYSTEMS	1	0.4	19,797	21,773	*	0
6400 EXP DESIGN/STAT METH	2	0.1	0	5,809	*	0
6500 INVERTEBRATES	3	0.4	7,549	65,285	*	0
6600 MICROORGANISMS,VIRUS	1	0.5	19,876	19,876	*	0
6700 PLANTS	5	0.9	31,659	45,624	*	0
7000 RSCH EQUIP & TECHNOL	2	0.3	730	9,339	*	0
9900 UNCLASSIFIED	1	0.3	0	1,047	*	0
TOTAL	97	26.8	1,050,224	2,062,767	*	18,170

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NEW JERSEY NEW BRUNSWICK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	30	9.3	133,780	955,675	*	0
0200 WATER	16	7.8	1,559	751,685	*	0
0300 WATERSHEDS RIVER BAS	1	0.4	0	25,231	*	0
0400 AIR AND CLIMATE	8	2.2	17,139	109,457	*	1,436
0500 RECREATION RESOURCES	3	1.4	42,645	115,889	*	0
0600 TIMBER FORST PRODUCT	12	2.5	109,344	256,713	*	0
0700 RANGE	1	0.0	451	5,321	*	0
0800 WILDLIFE AND FISH	8	1.4	6,882	182,223	*	0
0900 CITRUS SUB TROP FRUT	1	0.1	5,062	7,539	*	0
1000 FRUIT NUTS DECIDUOUS	35	9.1	207,834	747,934	*	10,124
1100 POTATOES	5	0.6	22,598	76,195	*	0
1200 VEGETABLES	27	8.0	152,605	653,437	*	12,207
1300 ORNAMENTALS TURF	14	5.9	122,304	539,098	*	0
1400 CORN	5	0.3	1,499	23,096	*	0
1700 WHEAT	2	0.4	9,300	50,570	*	0
1800 OTHER SMALL GRAINS	1	0.1	0	9,040	*	0
1900 PASTURE	1	0.0	676	3,940	*	0
2000 FORAGE CROPS	10	1.8	62,801	244,748	*	0
2200 COTTONSEED	1	0.1	0	3,596	*	0
2300 SOYBEANS	7	0.5	1,499	68,718	*	0
2400 PEANUTS	2	0.2	1,625	19,693	*	0
2500 OTHER OILSEED CROPS	1	0.1	0	27,663	*	0
2800 MISC NEW CROPS	1	0.4	15,028	31,364	*	0
2900 POULTRY	18	3.8	77,956	387,273	*	0
3000 BEEF CATTLE	5	0.4	2,023	62,359	*	0
3100 DAIRY CATTLE	10	2.8	16,518	226,384	*	0
3200 SWINE	4	0.5	2,743	56,368	*	0
3300 SHEEP AND WOOL	3	0.3	2,023	38,393	*	0
3400 OTHER ANIMALS	13	1.8	31,816	281,962	*	0
3600 FARM SUPP & FACILITS	2	0.2	0	14,850	*	0
3800 FOOD	25	7.8	110,803	693,369	*	0
3900 HOUSING & EQUIP	8	2.2	20,030	381,673	*	24,413
4000 PEOPLE AS INDIVIDUAL	20	6.2	42,156	479,712	*	12,207
4200 FARM AS BUSINESS	2	0.5	3,955	23,441	*	0
4300 SOC POLIT ORGANIZ	10	2.8	48,078	170,702	*	8,893
4400 AGRIC ECONOMY U S	1	0.4	3,674	18,834	*	0
6100 WEEDS	1	0.1	6,659	17,008	*	0
6300 BIO CELL SYSTEMS	2	0.2	3,154	31,548	*	0
6400 EXP DESIGN/STAT METH	1	0.2	0	10,927	*	0
6500 INVERTEBRATES	8	4.1	86,790	247,766	*	0
6600 MICROORGANISMS,VIRUS	11	2.7	45,006	267,561	*	0
6700 PLANTS	15	11.0	251,766	831,024	*	318,939
6800 ANIMALS(VERTEBRATES)	2	0.6	23,710	48,592	*	0
7000 RSCH EQUIP & TECHNOL	5	1.2	0	66,348	*	0
9900 UNCLASSIFIED	1	0.1	0	4,372	*	0
TOTAL	359	102.0	1,693,489	9,269,287	*	388,218

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NEW MEXICO UNIV PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	10	3.4	84,086	151,079	*	0
0200 WATER	8	2.4	48,230	118,837	*	0
0400 AIR AND CLIMATE	3	0.2	9,209	16,717	*	0
0500 RECREATION RESOURCES	2	0.2	19,442	20,192	*	0
0600 TIMBER FORST PRODUCT	7	2.3	101,473	284,788	*	0
0700 RANGE	14	3.1	36,367	233,062	*	0
0800 WILDLIFE AND FISH	4	1.0	14,176	55,090	*	0
1000 FRUIT NUTS DECIDUOUS	6	1.8	939	108,337	*	0
1100 POTATOES	2	0.2	0	7,846	*	0
1200 VEGETABLES	16	2.6	50,922	253,203	*	0
1300 ORNAMENTALS TURF	4	0.2	3,433	17,293	*	0
1400 CORN	8	0.8	6,714	49,919	*	0
1500 GRAIN SORGHUM	12	1.5	7,611	103,873	*	0
1700 WHEAT	10	1.0	7,008	53,786	*	0
1800 OTHER SMALL GRAINS	8	1.2	0	57,806	*	0
1900 PASTURE	3	0.3	0	18,523	*	0
2000 FORAGE CROPS	23	5.9	116,686	359,627	*	3,347
2100 COTTON	15	4.9	102,862	300,398	*	3,347
2300 SOYBEANS	2	0.1	0	4,630	*	0
2400 PEANUTS	2	2.0	0	97,722	*	0
2500 OTHER OILSEED CROPS	2	0.1	0	10,507	*	0
2700 SUGAR CROPS	3	0.2	0	10,626	*	0
2800 MISC NEW CROPS	3	0.4	0	36,318	*	0
2900 POULTRY	3	0.6	2,190	26,544	*	0
3000 BEEF CATTLE	17	5.7	195,905	654,093	*	0
3100 DAIRY CATTLE	8	1.1	28,640	42,105	*	0
3300 SHEEP AND WOOL	8	1.1	8,943	63,845	*	0
3400 OTHER ANIMALS	3	0.4	11,795	20,366	*	0
3600 FARM SUPP & FACILITS	1	0.1	2,425	3,573	*	0
3800 FOOD	1	0.5	0	12,864	*	0
4000 PEOPLE AS INDIVIDUAL	5	1.2	31,981	64,659	*	0
4100 FAMILY MEMBERS	1	0.2	11,672	11,672	*	0
4200 FARM AS BUSINESS	2	0.4	15,338	32,173	*	0
4300 SOC POLIT ORGANIZ	7	1.7	46,950	55,184	*	0
4400 AGRIC ECONOMY U S	1	0.4	13,819	17,940	*	0
4600 FARM COOPERATIVES	1	0.1	2,425	3,573	*	0
4700 OTH MARKET PROCESS	1	0.1	2,425	3,573	*	0
4800 MARKETING SYSTEMS	1	0.2	6,062	8,932	*	0
6700 PLANTS	4	2.2	76,538	131,267	*	0
6800 ANIMALS(VERTEBRATES)	3	1.2	49,199	81,065	*	0
7000 RSCH EQUIP & TECHNOL	1	0.0	0	2,212	*	0
9900 UNCLASSIFIED	2	0.2	30,838	72,563	*	0
TOTAL	237	53.2	1,146,301	3,678,379	*	6,693

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NEW YORK ITHACA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	30	13.8	153,016	846,218	*	9,368
0200 WATER	16	6.3	25,498	416,687	*	4,548
0300 WATERSHEDS RIVER BAS	5	0.5	2,884	95,087	*	6,769
0400 AIR AND CLIMATE	5	2.3	13,487	75,734	*	0
0500 RECREATION RESOURCES	5	0.8	24,913	92,869	*	0
0600 TIMBER FORST PRODUCT	16	3.6	84,885	315,150	*	2,244
0800 WILDLIFE AND FISH	32	9.5	25,394	1,109,482	*	0
0900 CITRUS SUB TROP FRUT	1	0.0	2,723	3,172	*	0
1000 FRUIT NUTS DECIDUOUS	20	6.9	153,348	545,902	*	0
1100 POTATOES	25	9.6	121,126	799,940	*	85,453
1200 VEGETABLES	46	12.7	266,581	1,218,243	*	3,736
1300 ORNAMENTALS TURF	18	5.2	91,677	631,275	*	750
1400 CORN	21	6.2	113,900	631,237	*	0
1600 RICE	1	0.7	9,275	21,469	*	0
1700 WHEAT	6	1.3	19,170	132,845	*	0
1800 OTHER SMALL GRAINS	6	1.2	13,757	143,514	*	0
1900 PASTURE	1	0.1	1,999	6,802	*	0
2000 FORAGE CROPS	22	7.3	99,256	701,825	*	28,026
2300 SOYBEANS	4	0.4	14,707	49,890	*	1,268
2500 OTHER OILSEED CROPS	1	0.1	2,683	5,505	*	0
2700 SUGAR CROPS	1	0.4	3,779	43,056	*	0
2900 POULTRY	32	11.1	135,223	1,093,555	*	1,914
3000 BEEF CATTLE	19	2.5	111,978	444,733	*	9,376
3100 DAIRY CATTLE	78	28.3	332,771	2,433,405	*	14,994
3200 SWINE	11	3.4	14,814	288,329	*	0
3300 SHEEP AND WOOL	12	0.8	13,754	113,653	*	0
3400 OTHER ANIMALS	22	6.9	29,381	680,051	*	2,856
3500 BEES AND HONEY	3	0.5	6,156	46,563	*	0
3600 FARM SUPP & FACILITS	4	0.8	14,267	125,072	*	0
3700 CLOTHING & TEXTILES	2	0.0	5,636	15,494	*	0
3800 FOOD	35	5.9	102,135	698,811	*	8,253
3900 HOUSING & EQUIP	13	6.3	33,776	493,089	*	92,469
4000 PEOPLE AS INDIVIDUAL	51	15.7	134,171	1,489,811	*	36,043
4100 FAMILY MEMBERS	11	16.2	50,438	746,674	*	0
4200 FARM AS BUSINESS	6	2.4	51,526	168,384	*	0
4300 SOC POLIT ORGANIZ	38	12.6	216,756	985,010	*	76,166
4400 AGRIC ECONOMY U S	3	0.5	14,902	33,616	*	0
4500 AGRIC ECONOMY FORGN	5	0.6	14,948	76,535	*	0
4600 FARM COOPERATIVES	1	0.5	1,541	12,420	*	0
4700 OTH MARKET PROCESS	5	1.8	0	75,801	*	0
4800 MARKETING SYSTEMS	6	1.7	27,236	68,383	*	0
6100 WEEDS	1	0.1	5,315	16,145	*	0
6300 BIO CELL SYSTEMS	18	8.0	56,053	787,238	*	0
6400 EXP DESIGN/STAT METH	6	3.8	32,518	162,004	*	0
6500 INVERTEBRATES	15	7.1	45,427	637,904	*	0
6600 MICROORGANISMS,VIRUS	25	9.3	70,959	912,085	*	0
6700 PLANTS	22	8.7	89,374	663,761	*	0
6800 ANIMALS(VERTEBRATES)	22	7.7	44,647	753,934	*	58,888
7000 RSCH EQUIP & TECHNOL	3	0.2	4,117	26,674	*	0
9900 UNCLASSIFIED	1	17.1	0	2,763,481	*	59,437
TOTAL	752	268.6	2,903,874	24,698,513	*	502,555

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NEW YORK GENEVA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	1	0.4	11,079	24,872	*	0
0200 WATER	2	0.4	245	14,117	*	0
0400 AIR AND CLIMATE	1	0.4	4,181	29,658	*	0
0600 TIMBER FORST PRODUCT	1	0.1	0	5,274	*	0
0800 WILDLIFE AND FISH	1	0.4	0	46,185	*	0
1000 FRUIT NUTS DECIDUOUS	92	38.3	238,629	2,414,860	*	130,529
1100 POTATOES	3	0.5	0	20,164	*	0
1200 VEGETABLES	61	25.3	232,632	1,522,596	*	175,938
1300 ORNAMENTALS TURF	5	1.1	15,337	81,088	*	0
1700 WHEAT	1	0.0	0	1,508	*	0
1800 OTHER SMALL GRAINS	2	0.1	657	6,715	*	0
2000 FORAGE CROPS	5	0.4	19,208	38,855	*	0
2300 SOYBEANS	2	0.1	657	6,715	*	0
2800 MISC NEW CROPS	2	0.5	0	27,053	*	0
3800 FOOD	3	0.8	3,452	41,006	*	0
6200 SEED RESEARCH	10	3.7	9,370	196,424	*	0
6300 BIO CELL SYSTEMS	1	0.7	0	17,026	*	0
6500 INVERTEBRATES	1	1.5	0	104,403	*	0
6700 PLANTS	1	0.1	0	29,198	*	0
6800 ANIMALS(VERTEBRATES)	1	0.1	0	12,514	*	0
9900 UNCLASSIFIED	1	0.0	0	12,397	*	0
TOTAL	197	74.9	535,447	4,652,627	*	306,467

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NORTH CAROLINA RALEIGH SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	30	6.5	118,201	612,515	*	9,406
0200 WATER	14	3.4	61,164	847,302	*	4,757
0300 WATERSHEDS RIVER BAS	2	0.8	21,174	42,310	*	0
0400 AIR AND CLIMATE	2	0.1	1,786	8,967	*	1,234
0500 RECREATION RESOURCES	4	0.4	13,153	44,256	*	0
0600 TIMBER FORST PRODUCT	48	15.9	386,372	1,629,639	*	4,159
0800 WILDLIFE AND FISH	30	3.5	50,286	493,997	*	0
1000 FRUIT NUTS DECIDUOUS	55	12.8	213,128	1,801,234	*	46,554
1100 POTATOES	7	1.2	16,842	151,197	*	3,349
1200 VEGETABLES	51	16.6	202,182	1,967,271	*	18,088
1300 ORNAMENTALS TURF	22	4.7	153,248	816,696	*	7,683
1400 CORN	46	6.9	192,662	1,120,459	*	34,082
1500 GRAIN SORGHUM	3	0.1	2,477	19,616	*	0
1700 WHEAT	8	1.1	33,616	114,778	*	3,433
1800 OTHER SMALL GRAINS	6	1.1	19,239	86,657	*	1,717
1900 PASTURE	3	0.0	4,205	56,782	*	0
2000 FORAGE CROPS	19	2.1	72,566	566,907	*	1,844
2100 COTTON	21	3.6	115,001	411,558	*	36,392
2300 SOYBEANS	59	9.7	345,325	1,230,381	*	134,901
2400 PEANUTS	25	7.1	103,933	868,334	*	37,187
2500 OTHER OILSEED CROPS	1	0.1	793	2,792	*	0
2600 TOBACCO	56	23.4	310,751	3,134,154	*	50,469
2800 MISC NEW CROPS	1	0.2	4,070	21,148	*	0
2900 POULTRY	42	14.4	367,952	1,860,856	*	6,285
3000 BEEF CATTLE	37	5.7	239,309	1,118,929	*	3,834
3100 DAIRY CATTLE	43	11.9	388,565	1,542,029	*	11,740
3200 SWINE	32	10.6	213,765	1,358,233	*	10,058
3300 SHEEP AND WOOL	9	0.6	11,895	154,205	*	0
3400 OTHER ANIMALS	12	1.4	33,382	142,861	*	0
3500 BEES AND HONEY	1	0.3	0	34,497	*	0
3700 CLOTHING & TEXTILES	3	0.2	6,724	26,257	*	0
3800 FOOD	7	2.1	88,471	200,567	*	317
3900 HOUSING & EQUIP	3	0.2	12,588	39,384	*	0
4000 PEOPLE AS INDIVIDUAL	21	3.0	85,162	365,737	*	55
4100 FAMILY MEMBERS	7	1.9	45,344	119,720	*	0
4200 FARM AS BUSINESS	3	0.6	13,339	40,566	*	0
4300 SOC POLIT ORGANIZ	11	2.2	110,969	226,061	*	3,371
4700 OTH MARKET PROCESS	2	0.0	192	7,221	*	0
4800 MARKETING SYSTEMS	2	0.3	6,457	13,708	*	0
6100 WEEDS	6	0.9	22,171	114,673	*	1,717
6300 BIO CELL SYSTEMS	11	1.6	24,027	290,552	*	0
6400 EXP DESIGN/STAT METH	2	0.2	2,022	36,410	*	3,291
6500 INVERTEBRATES	19	5.4	29,439	436,001	*	2,561
6600 MICROORGANISMS,VIRUS	11	1.7	34,963	215,871	*	0
6700 PLANTS	33	7.4	109,021	1,346,734	*	100,846
6800 ANIMALS(VERTEBRATES)	20	5.8	53,022	739,777	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	13,443	*	0
9900 UNCLASSIFIED	1	0.0	1,786	40,501	*	0
TOTAL	852	199.6	4,342,737	26,533,740	*	539,328

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - NORTH DAKOTA FARGO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	40	14.8	98,268	1,059,042	*	14,642
0200 WATER	29	7.1	97,896	469,234	*	3,410
0300 WATERSHEDS RIVER BAS	3	0.9	2,736	77,108	*	0
0400 AIR AND CLIMATE	4	1.0	15,186	46,906	*	1,496
0600 TIMBER FORST PRODUCT	2	1.0	38,256	109,883	*	635
0700 RANGE	12	3.6	37,663	268,246	*	15,277
1000 FRUIT NUTS DECIDUOUS	2	0.7	7,081	48,257	*	0
1100 POTATOES	10	3.0	76,071	353,359	*	0
1200 VEGETABLES	13	1.7	17,288	127,836	*	10,318
1300 ORNAMENTALS TURF	3	0.8	19,304	52,037	*	0
1400 CORN	14	1.8	31,591	110,752	*	0
1700 WHEAT	59	19.3	233,198	1,496,431	*	98,242
1800 OTHER SMALL GRAINS	44	9.0	122,944	643,587	*	54
1900 PASTURE	4	0.3	5,607	22,037	*	0
2000 FORAGE CROPS	20	3.4	56,068	255,520	*	5,290
2300 SOYBEANS	7	0.8	7,916	45,038	*	0
2500 OTHER OILSEED CROPS	27	4.7	52,273	392,702	*	12,374
2700 SUGAR CROPS	8	1.8	24,635	216,314	*	1,080
2800 MISC NEW CROPS	8	0.4	2,015	45,053	*	0
2900 POULTRY	3	0.7	9,561	53,708	*	0
3000 BEEF CATTLE	26	7.6	147,292	608,907	*	0
3100 DAIRY CATTLE	8	1.6	24,278	120,650	*	0
3200 SWINE	15	2.4	24,214	272,614	*	0
3300 SHEEP AND WOOL	14	2.1	43,517	259,409	*	0
3400 OTHER ANIMALS	2	0.1	1,629	7,128	*	0
3600 FARM SUPP & FACILITS	2	1.2	8,953	65,875	*	0
3800 FOOD	1	0.2	0	36,106	*	30
3900 HOUSING & EQUIP	7	0.5	2,713	57,115	*	0
4000 PEOPLE AS INDIVIDUAL	5	1.0	20,899	59,006	*	0
4100 FAMILY MEMBERS	1	0.1	6,712	7,897	*	0
4200 FARM AS BUSINESS	3	0.7	7,264	63,284	*	0
4300 SOC POLIT ORGANIZ	8	2.0	27,624	125,041	*	0
4400 AGRIC ECONOMY U S	2	0.2	12,433	14,667	*	0
4800 MARKETING SYSTEMS	5	1.7	50,176	68,351	*	0
6300 BIO CELL SYSTEMS	13	2.6	36,446	210,860	*	0
6400 EXP DESIGN/STAT METH	3	0.8	6,806	94,953	*	0
6500 INVERTEBRATES	2	0.8	12,471	52,659	*	0
6600 MICROORGANISMS,VIRUS	18	5.2	68,458	338,063	*	13,684
6700 PLANTS	16	4.9	34,408	694,509	*	20,255
6800 ANIMALS(VERTEBRATES)	5	5.3	4,508	444,713	*	1,723
7000 RSCH EQUIP & TECHNOL	1	0.0	0	797	*	0
TOTAL	469	117.8	1,496,357	9,491,649	*	198,510

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - OHIO WOOSTER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	41	8.9	215,908	1,090,915	*	56,753
0200 WATER	17	2.3	57,174	482,916	*	13,345
0300 WATERSHEDS RIVER BAS	3	0.3	0	96,614	*	0
0400 AIR AND CLIMATE	2	0.0	0	14,519	*	0
0500 RECREATION RESOURCES	6	0.4	13,374	103,773	*	0
0600 TIMBER FORST PRODUCT	23	8.0	200,938	687,030	*	19,784
0800 WILDLIFE AND FISH	5	1.2	3,614	125,141	*	0
1000 FRUIT NUTS DECIDUOUS	22	5.9	200,806	774,299	*	11,651
1100 POTATOES	8	1.2	31,061	136,949	*	0
1200 VEGETABLES	34	8.8	268,692	1,011,884	*	4,497
1300 ORNAMENTALS TURF	26	8.6	176,722	909,235	*	29,328
1400 CORN	33	9.5	323,273	1,145,829	*	32,515
1700 WHEAT	11	1.5	93,957	327,572	*	2,707
1800 OTHER SMALL GRAINS	2	0.3	12,932	55,013	*	0
1900 PASTURE	4	0.8	31,279	185,304	*	13,824
2000 FORAGE CROPS	11	2.3	96,155	358,611	*	6,912
2300 SOYBEANS	40	10.1	319,079	1,154,924	*	59,211
2600 TOBACCO	1	0.7	0	61,927	*	0
2700 SUGAR CROPS	9	1.1	22,453	135,101	*	0
2900 POULTRY	16	6.6	238,783	947,534	*	0
3000 BEEF CATTLE	16	5.7	192,501	1,349,704	*	0
3100 DAIRY CATTLE	26	9.7	311,245	1,349,789	*	6,912
3200 SWINE	19	9.0	297,990	1,408,338	*	16,825
3300 SHEEP AND WOOL	7	3.2	91,101	453,581	*	0
3400 OTHER ANIMALS	3	0.3	2,602	28,633	*	0
3500 BEES AND HONEY	1	0.2	6,663	20,191	*	0
3600 FARM SUPP & FACILITS	3	0.7	6,590	55,795	*	0
3700 CLOTHING & TEXTILES	3	0.6	17,672	46,961	*	0
3800 FOOD	9	1.8	53,734	177,393	*	0
3900 HOUSING & EQUIP	4	0.7	23,861	145,587	*	45,806
4000 PEOPLE AS INDIVIDUAL	12	2.6	68,717	201,821	*	0
4100 FAMILY MEMBERS	8	2.4	61,402	183,241	*	0
4200 FARM AS BUSINESS	3	0.5	12,343	35,939	*	0
4300 SOC POLIT ORGANIZ	9	3.0	97,246	245,055	*	0
4600 FARM COOPERATIVES	1	0.1	2,596	7,936	*	0
4700 OTH MARKET PROCESS	1	0.1	435	1,341	*	0
4800 MARKETING SYSTEMS	4	0.5	21,470	48,323	*	0
6100 WEEDS	1	0.1	2,789	7,219	*	0
6500 INVERTEBRATES	3	1.2	38,552	113,306	*	0
6700 PLANTS	7	1.1	37,899	137,822	*	8,994
6800 ANIMALS(VERTEBRATES)	2	0.7	20,866	71,054	*	677
7000 RSCH EQUIP & TECHNOL	2	0.1	241	15,827	*	0
9900 UNCLASSIFIED	1	0.0	0	2,202,771	*	5,530
TOTAL	459	122.6	3,674,715	18,112,715	*	335,270

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - OKLAHOMA STILLWATER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	9	2.5	32,410	200,409	*	0
0200 WATER	13	3.6	34,557	383,376	*	0
0300 WATERSHEDS RIVER BAS	2	0.7	483	53,657	*	0
0500 RECREATION RESOURCES	2	0.5	0	44,239	*	0
0600 TIMBER FORST PRODUCT	16	3.8	126,902	292,224	*	0
0700 RANGE	9	1.0	1,689	133,631	*	0
0800 WILDLIFE AND FISH	3	0.4	4,597	37,256	*	0
1000 FRUIT NUTS DECIDUOUS	6	0.2	3,196	37,326	*	0
1200 VEGETABLES	4	1.2	0	106,324	*	0
1300 ORNAMENTALS TURF	9	1.3	14,737	189,205	*	0
1400 CORN	4	1.0	2,620	96,317	*	0
1500 GRAIN SORGHUM	21	3.2	80,967	307,057	*	0
1700 WHEAT	33	6.7	137,099	699,414	*	0
1800 OTHER SMALL GRAINS	11	1.9	26,418	146,883	*	0
1900 PASTURE	8	1.6	8,669	122,561	*	0
2000 FORAGE CROPS	22	7.7	212,959	553,909	*	11,446
2100 COTTON	14	3.7	106,942	339,553	*	0
2300 SOYBEANS	7	0.4	13,987	83,612	*	0
2400 PEANUTS	12	0.9	8,594	218,505	*	0
2500 OTHER OILSEED CROPS	1	0.1	0	4,458	*	0
2800 MISC NEW CROPS	3	0.4	0	39,232	*	0
2900 POULTRY	4	1.1	32,499	94,760	*	0
3000 BEEF CATTLE	41	12.1	332,438	1,571,892	*	50,049
3100 DAIRY CATTLE	14	2.7	58,154	261,617	*	0
3200 SWINE	9	2.2	143,935	484,844	*	0
3300 SHEEP AND WOOL	6	0.8	41,921	124,538	*	3,355
3400 OTHER ANIMALS	2	0.3	10,027	17,720	*	3,355
3600 FARM SUPP & FACILITS	5	1.3	31,509	101,656	*	0
3800 FOOD	1	0.1	0	11,250	*	0
3900 HOUSING & EQUIP	5	0.4	0	29,587	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.3	24,365	58,244	*	0
4100 FAMILY MEMBERS	1	0.1	5,130	6,863	*	0
4200 FARM AS BUSINESS	13	4.5	139,536	286,807	*	55,820
4300 SOC POLIT ORGANIZ	7	0.7	84,088	96,826	*	0
4400 AGRIC ECONOMY U S	4	1.3	41,418	77,758	*	0
4700 OTH MARKET PROCESS	1	0.2	11,983	21,014	*	0
4800 MARKETING SYSTEMS	4	1.9	21,848	131,496	*	55,820
6100 WEEDS	1	0.1	5,239	23,046	*	0
6300 BIO CELL SYSTEMS	7	4.2	24,926	330,368	*	0
6500 INVERTEBRATES	3	1.9	0	81,123	*	0
6600 MICROORGANISMS,VIRUS	2	0.7	0	56,607	*	0
6700 PLANTS	11	2.0	26,176	151,729	*	341
6800 ANIMALS(VERTEBRATES)	7	1.5	101,488	133,260	*	26
7000 RSCH EQUIP & TECHNOL	1	0.0	0	14,989	*	0
9900 UNCLASSIFIED	3	0.6	92,614	1,947,735	*	0
TOTAL	367	85.0	2,046,120	10,204,874	*	180,212

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - OREGON CORVALLIS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	26	5.4	33,494	610,572	*	58,671
0200 WATER	11	3.2	21,970	434,762	*	0
0400 AIR AND CLIMATE	2	2.1	0	156,376	*	0
0500 RECREATION RESOURCES	1	0.6	19,955	46,670	*	0
0600 TIMBER FORST PRODUCT	13	3.7	16,725	269,591	*	0
0700 RANGE	11	3.3	3,260	301,642	*	0
0800 WILDLIFE AND FISH	40	6.8	41,867	1,386,690	*	0
1000 FRUIT NUTS DECIDUOUS	40	16.1	198,015	1,409,823	*	0
1100 POTATOES	13	1.7	14,802	190,485	*	8,382
1200 VEGETABLES	28	8.1	98,183	602,528	*	0
1300 ORNAMENTALS TURF	15	4.1	39,918	330,434	*	0
1400 CORN	5	0.6	0	46,422	*	0
1700 WHEAT	23	5.1	31,439	489,535	*	16,763
1800 OTHER SMALL GRAINS	13	3.0	3,155	253,359	*	0
1900 PASTURE	7	1.3	3,388	105,899	*	0
2000 FORAGE CROPS	29	7.0	71,280	757,298	*	0
2300 SOYBEANS	2	0.2	0	48,248	*	32,442
2800 MISC NEW CROPS	7	0.7	17,163	182,461	*	0
2900 POULTRY	11	4.7	172,458	477,867	*	0
3000 BEEF CATTLE	26	8.6	163,527	1,063,683	*	0
3100 DAIRY CATTLE	10	4.0	91,102	534,766	*	0
3200 SWINE	9	1.6	27,539	308,858	*	0
3300 SHEEP AND WOOL	13	2.9	50,541	363,110	*	0
3400 OTHER ANIMALS	9	2.3	32,999	182,721	*	0
3500 BEES AND HONEY	2	1.4	37,763	84,562	*	0
3600 FARM SUPP & FACILITS	1	0.3	2,453	2,951	*	0
3800 FOOD	15	7.6	193,521	762,894	*	0
3900 HOUSING & EQUIP	2	0.1	292	5,539	*	0
4000 PEOPLE AS INDIVIDUAL	11	2.5	53,896	300,629	*	28,087
4100 FAMILY MEMBERS	4	0.7	14,860	50,997	*	14,043
4200 FARM AS BUSINESS	2	0.8	0	333,796	*	4,700
4300 SOC POLIT ORGANIZ	8	2.8	13,089	243,956	*	28,087
4400 AGRIC ECONOMY U S	2	0.6	8,860	54,747	*	0
4600 FARM COOPERATIVES	1	0.2	3,437	13,246	*	0
6100 WEEDS	3	1.9	21,982	172,592	*	0
6200 SEED RESEARCH	1	0.7	21,776	50,571	*	0
6300 BIO CELL SYSTEMS	4	1.3	5,808	81,312	*	0
6400 EXP DESIGN/STAT METH	3	0.2	6,510	129,220	*	0
6500 INVERTEBRATES	4	2.5	71,342	230,314	*	2,480
6600 MICROORGANISMS,VIRUS	6	2.2	39,833	379,139	*	0
6700 PLANTS	21	4.9	38,567	633,585	*	11,962
6800 ANIMALS(VERTEBRATES)	11	6.3	338	756,205	*	900
6900 RESEARCH ON RSCH MGM	1	0.1	1,256	3,324	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	0	15,590	*	0
9900 UNCLASSIFIED	1	9.4	0	2	*	0
TOTAL	468	143.4	1,688,363	14,858,969	*	206,517

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - PENNSYLVANIA COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	18	6.0	189,810	550,368	*	3,986
0200 WATER	8	1.5	17,064	88,307	*	2,428
0300 WATERSHEDS RIVER BAS	4	0.6	17,915	141,839	*	0
0500 RECREATION RESOURCES	3	1.0	21,793	79,909	*	2,857
0600 TIMBER FORST PRODUCT	24	8.0	253,870	538,186	*	33,447
0800 WILDLIFE AND FISH	12	3.7	73,099	297,772	*	2,857
1000 FRUIT NUTS DECIDUOUS	25	12.6	282,587	1,006,069	*	31,627
1100 POTATOES	7	1.4	44,182	290,766	*	4,043
1200 VEGETABLES	15	6.6	155,068	573,394	*	210
1300 ORNAMENTALS TURF	25	5.6	102,062	435,842	*	24,541
1400 CORN	14	5.0	126,567	369,468	*	0
1700 WHEAT	7	1.2	27,128	87,430	*	3,140
1800 OTHER SMALL GRAINS	6	1.3	22,251	63,163	*	2,463
2000 FORAGE CROPS	26	10.1	280,412	781,784	*	72,050
2600 TOBACCO	3	0.5	8,123	23,235	*	0
2900 POULTRY	16	9.8	307,164	1,033,799	*	24,982
3000 BEEF CATTLE	17	4.2	123,248	516,556	*	1,089
3100 DAIRY CATTLE	28	10.4	360,932	1,082,309	*	24,237
3200 SWINE	7	2.1	63,522	232,567	*	594
3300 SHEEP AND WOOL	7	1.0	31,057	122,195	*	880
3400 OTHER ANIMALS	8	1.9	73,262	170,591	*	1,065
3500 BEES AND HONEY	1	1.0	17,222	84,678	*	1,900
3600 FARM SUPP & FACILITS	1	0.3	6,552	17,018	*	0
3700 CLOTHING & TEXTILES	1	0.1	2,148	2,240	*	0
3800 FOOD	9	1.8	132,094	220,153	*	136
3900 HOUSING & EQUIP	3	1.6	52,863	237,542	*	57,646
4000 PEOPLE AS INDIVIDUAL	13	5.0	105,572	249,152	*	149
4100 FAMILY MEMBERS	1	0.8	23,934	65,734	*	0
4200 FARM AS BUSINESS	3	2.6	32,621	128,059	*	0
4300 SOC POLIT ORGANIZ	11	8.1	228,674	544,312	*	124,931
4400 AGRIC ECONOMY U S	1	0.3	12,224	24,225	*	0
4500 AGRIC ECONOMY FORGN	1	4.3	0	63,837	*	0
4700 OTH MARKET PROCESS	1	1.7	43,824	100,064	*	16,313
4800 MARKETING SYSTEMS	1	2.8	22,955	38,562	*	13
6100 WEEDS	1	0.3	17,091	20,587	*	0
6200 SEED RESEARCH	1	0.2	16,308	32,951	*	0
6300 BIO CELL SYSTEMS	5	1.4	48,531	91,344	*	0
6500 INVERTEBRATES	5	2.9	38,285	177,109	*	39,221
6600 MICROORGANISMS,VIRUS	6	1.6	58,822	103,406	*	0
6700 PLANTS	16	4.2	123,957	321,895	*	50,763
6800 ANIMALS(VERTEBRATES)	10	1.1	68,369	132,080	*	1,717
7000 RSCH EQUIP & TECHNOL	5	0.8	53,572	87,198	*	1,289
9900 UNCLASSIFIED	1	0.3	161,783	204,723	*	0
TOTAL	377	137.4	3,848,513	11,432,415	*	530,572

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - PUERTO RICO RIO PIEDRAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	6	2.3	4,233	154,686	*	0
0200 WATER	4	4.9	134,498	342,446	*	0
0400 AIR AND CLIMATE	1	0.4	0	13,209	*	0
0900 CITRUS SUB TROP FRUT	32	17.0	396,451	1,166,544	*	285
1100 POTATOES	1	0.1	0	4,113	*	0
1200 VEGETABLES	37	29.1	418,597	1,655,271	*	366
1300 ORNAMENTALS TURF	7	3.2	103,309	222,864	*	0
1400 CORN	3	1.0	20,743	83,909	*	0
1500 GRAIN SORGHUM	2	0.7	20,743	52,115	*	0
1600 RICE	3	1.0	4,705	103,314	*	0
1900 PASTURE	6	2.2	88,794	304,378	*	107
2000 FORAGE CROPS	7	3.3	110,363	515,501	*	0
2300 SOYBEANS	2	0.7	20,743	71,990	*	0
2600 TOBACCO	5	0.7	45,557	99,384	*	0
2700 SUGAR CROPS	27	21.4	618,087	1,830,910	*	134
2800 MISC NEW CROPS	11	4.9	124,191	429,867	*	0
2900 POULTRY	3	1.0	24,342	79,478	*	0
3000 BEEF CATTLE	3	1.0	67,426	145,389	*	0
3100 DAIRY CATTLE	5	3.1	195,199	452,199	*	0
3200 SWINE	2	0.4	16,228	46,323	*	0
3800 FOOD	1	1.7	154,420	293,773	*	0
4000 PEOPLE AS INDIVIDUAL	3	1.1	26,932	65,398	*	0
4100 FAMILY MEMBERS	1	0.7	15,401	29,819	*	0
4200 FARM AS BUSINESS	3	3.7	101,190	220,396	*	0
4300 SOC POLIT ORGANIZ	2	1.5	33,532	65,318	*	0
6500 INVERTEBRATES	2	1.6	0	55,292	*	0
6700 PLANTS	3	2.8	32,035	128,275	*	0
6900 RESEARCH ON RSCH MGM	1	0.0	2,953	2,953	*	0
9900 UNCLASSIFIED	1	0.9	0	59,545	*	33,050
TOTAL	184	112.4	2,780,672	8,694,658	*	33,942

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - RHODE ISLAND KINGSTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	10	2.6	85,193	180,053	*	0
0200 WATER	7	2.2	44,752	145,483	*	0
0400 AIR AND CLIMATE	2	0.5	7,420	20,216	*	0
0500 RECREATION RESOURCES	3	2.1	42,473	140,782	*	0
0600 TIMBER FORST PRODUCT	4	2.8	107,676	153,712	*	0
0800 WILDLIFE AND FISH	15	8.3	103,800	429,249	*	0
0900 CITRUS SUB TROP FRUT	2	0.3	2,785	12,100	*	0
1000 FRUIT NUTS DECIDUOUS	3	0.5	22,520	59,581	*	0
1100 POTATOES	1	1.2	29,367	60,613	*	0
1200 VEGETABLES	5	0.9	16,741	49,132	*	0
1300 ORNAMENTALS TURF	13	8.2	154,931	463,245	*	0
2000 FORAGE CROPS	1	0.2	6,058	12,565	*	0
2900 POULTRY	5	2.0	79,782	151,275	*	0
3100 DAIRY CATTLE	3	0.4	8,127	15,822	*	0
3400 OTHER ANIMALS	2	0.0	398	2,180	*	0
3700 CLOTHING & TEXTILES	1	0.1	8,954	9,398	*	0
3800 FOOD	5	3.7	51,999	180,548	*	0
3900 HOUSING & EQUIP	1	0.4	7,070	8,283	*	0
4000 PEOPLE AS INDIVIDUAL	4	0.7	24,007	34,342	*	0
4300 SOC POLIT ORGANIZ	2	1.2	13,498	23,511	*	0
6400 EXP DESIGN/STAT METH	1	0.0	4,237	7,401	*	0
6700 PLANTS	2	0.4	14,401	39,397	*	7,862
6800 ANIMALS(VERTEBRATES)	2	0.0	178	1,437	*	592
9900 UNCLASSIFIED	1	0.0	0	12,617	*	0
TOTAL	95	38.5	836,365	2,212,941	*	8,454

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - SOUTH CAROLINA CLEMSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	14	3.1	66,848	270,390	*	0
0200 WATER	12	0.8	36,370	105,381	*	0
0300 WATERSHEDS RIVER BAS	2	0.2	19,674	24,682	*	0
0400 AIR AND CLIMATE	1	0.1	2,204	5,798	*	0
0600 TIMBER FORST PRODUCT	3	0.7	164	46,518	*	0
0800 WILDLIFE AND FISH	8	1.6	45,659	137,010	*	0
1000 FRUIT NUTS DECIDUOUS	30	8.8	136,464	783,096	*	0
1200 VEGETABLES	25	9.7	119,070	846,345	*	0
1300 ORNAMENTALS TURF	15	4.6	104,517	348,386	*	0
1400 CORN	19	2.7	34,753	229,816	*	0
1500 GRAIN SORGHUM	1	0.2	0	13,348	*	0
1700 WHEAT	5	0.9	19,737	65,552	*	0
1800 OTHER SMALL GRAINS	5	0.5	16,049	64,080	*	0
1900 PASTURE	2	0.4	16,962	33,550	*	0
2000 FORAGE CROPS	17	6.0	87,574	454,061	*	27,136
2100 COTTON	21	3.1	65,535	318,445	*	875
2300 SOYBEANS	38	10.9	230,271	930,105	*	22,106
2400 PEANUTS	4	0.3	7,415	39,891	*	0
2600 TOBACCO	10	4.1	22,767	439,278	*	0
2800 MISC NEW CROPS	1	0.0	0	5,682	*	0
2900 POULTRY	22	4.8	167,096	571,946	*	0
3000 BEEF CATTLE	23	6.2	298,578	1,117,191	*	0
3100 DAIRY CATTLE	21	6.2	203,033	1,029,515	*	0
3200 SWINE	15	2.4	118,896	264,321	*	0
3300 SHEEP AND WOOL	4	0.4	28,231	91,687	*	0
3400 OTHER ANIMALS	9	1.0	13,905	104,462	*	0
3700 CLOTHING & TEXTILES	3	0.0	10,917	20,682	*	0
3800 FOOD	8	1.0	58,134	117,810	*	0
3900 HOUSING & EQUIP	7	0.7	20,648	91,673	*	0
4000 PEOPLE AS INDIVIDUAL	14	1.7	52,028	126,875	*	0
4100 FAMILY MEMBERS	3	0.2	8,656	15,723	*	0
4200 FARM AS BUSINESS	7	0.9	22,097	72,639	*	0
4300 SOC POLIT ORGANIZ	7	1.6	96,158	128,429	*	0
4400 AGRIC ECONOMY U S	1	0.2	5,902	16,679	*	0
4600 FARM COOPERATIVES	1	0.0	3,029	3,666	*	0
4700 OTH MARKET PROCESS	2	0.3	5,902	43,009	*	0
4800 MARKETING SYSTEMS	1	0.1	0	26,330	*	0
6100 WEEDS	1	0.0	0	11,809	*	0
6300 BIO CELL SYSTEMS	2	0.1	1,804	8,160	*	0
6400 EXP DESIGN/STAT METH	1	1.3	0	108,844	*	0
6500 INVERTEBRATES	5	0.9	8,820	84,500	*	0
6700 PLANTS	9	1.3	32,307	136,761	*	4,830
6800 ANIMALS(VERTEBRATES)	7	0.4	899	54,913	*	364
7000 RSCH EQUIP & TECHNOL	1	0.0	0	6,561	*	0
9900 UNCLASSIFIED	1	1.2	0	168,459	*	102,091
TOTAL	408	91.2	2,189,071	9,584,057	*	157,402

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - SOUTH DAKOTA BROOKINGS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	10	5.8	81,471	359,758	*	1,920
0200 WATER	11	4.7	50,633	232,161	*	0
0400 AIR AND CLIMATE	3	0.8	21,162	28,784	*	0
0500 RECREATION RESOURCES	2	1.4	0	58,347	*	0
0600 TIMBER FORST PRODUCT	9	2.7	58,199	128,644	*	30
0700 RANGE	7	3.8	37,080	149,115	*	12,517
0800 WILDLIFE AND FISH	11	1.2	28,008	164,111	*	0
1000 FRUIT NUTS DECIDUOUS	3	0.3	24,817	40,299	*	0
1100 POTATOES	1	0.1	3,715	5,448	*	0
1200 VEGETABLES	3	1.2	27,272	61,790	*	0
1300 ORNAMENTALS TURF	4	0.6	6,505	32,635	*	0
1400 CORN	9	3.2	81,217	211,682	*	5,315
1500 GRAIN SORGHUM	2	0.5	1,299	11,362	*	0
1700 WHEAT	12	5.8	121,998	400,877	*	370
1800 OTHER SMALL GRAINS	8	3.1	72,594	161,949	*	326
1900 PASTURE	1	0.1	1,413	3,955	*	154
2000 FORAGE CROPS	12	4.6	105,630	414,612	*	13,760
2300 SOYBEANS	6	0.7	8,377	29,387	*	2,465
2500 OTHER OILSEED CROPS	5	2.6	29,425	118,601	*	4,005
2800 MISC NEW CROPS	1	0.1	0	6,560	*	0
2900 POULTRY	7	2.6	84,052	220,194	*	0
3000 BEEF CATTLE	26	10.5	189,248	659,567	*	9,329
3100 DAIRY CATTLE	10	3.6	163,071	279,762	*	0
3200 SWINE	12	2.7	118,860	299,868	*	40,452
3300 SHEEP AND WOOL	12	1.7	59,500	152,496	*	0
3400 OTHER ANIMALS	4	1.6	0	87,355	*	0
3600 FARM SUPP & FACILITS	2	0.9	10,050	31,643	*	0
3700 CLOTHING & TEXTILES	3	1.9	35,678	53,170	*	0
3800 FOOD	3	1.0	7,791	16,585	*	0
3900 HOUSING & EQUIP	4	1.5	23,890	56,727	*	0
4000 PEOPLE AS INDIVIDUAL	4	1.3	8,774	39,997	*	0
4200 FARM AS BUSINESS	4	0.9	10,037	29,595	*	0
4300 SOC POLIT ORGANIZ	9	3.1	34,662	97,756	*	0
4800 MARKETING SYSTEMS	3	0.4	10,056	15,720	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	2,713	*	2,002
6600 MICROORGANISMS,VIRUS	1	0.2	0	13,067	*	0
6700 PLANTS	9	5.2	625	458,444	*	9,655
6800 ANIMALS(VERTEBRATES)	3	2.1	0	115,684	*	2,414
7000 RSCH EQUIP & TECHNOL	1	0.8	0	66,946	*	0
9900 UNCLASSIFIED	1	4.0	17,787	588,072	*	0
TOTAL	239	89.1	1,534,893	5,905,433	*	104,715

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - TENNESSEE KNOXVILLE SAES

	CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100	SOIL AND LAND	8	3.2	104,478	195,796	*	0
0200	WATER	3	0.2	12,811	21,569	*	0
0300	WATERSHEDS RIVER BAS	4	0.9	52,027	83,455	*	0
0400	AIR AND CLIMATE	1	0.2	11,131	18,515	*	0
0500	RECREATION RESOURCES	2	0.6	14,307	28,327	*	0
0600	TIMBER FORST PRODUCT	19	4.9	207,106	498,195	*	0
0800	WILDLIFE AND FISH	6	2.3	82,934	214,493	*	0
1000	FRUIT NUTS DECIDUOUS	10	2.6	61,839	139,202	*	0
1100	POTATOES	1	0.0	0	1,762	*	0
1200	VEGETABLES	21	6.6	185,578	400,076	*	0
1300	ORNAMENTALS TURF	13	5.2	109,073	406,617	*	0
1400	CORN	24	4.8	128,458	363,776	*	0
1500	GRAIN SORGHUM	2	0.2	4,092	8,778	*	0
1700	WHEAT	6	1.1	31,217	73,503	*	0
1800	OTHER SMALL GRAINS	8	1.1	31,905	96,332	*	0
1900	PASTURE	1	0.0	1,008	1,400	*	0
2000	FORAGE CROPS	16	4.0	96,105	366,375	*	19,760
2100	COTTON	24	6.8	174,386	560,964	*	0
2200	COTTONSEED	2	0.2	12,851	20,776	*	0
2300	SOYBEANS	32	7.7	223,534	558,867	*	0
2400	PEANUTS	1	0.1	4,509	7,032	*	0
2500	OTHER OILSEED CROPS	2	0.1	4,509	13,606	*	0
2600	TOBACCO	14	3.7	89,033	340,122	*	0
2700	SUGAR CROPS	1	0.1	2,606	5,092	*	0
2800	MISC NEW CROPS	1	0.3	8,431	13,156	*	0
2900	POULTRY	9	2.6	127,980	289,640	*	0
3000	BEEF CATTLE	34	18.8	348,590	2,655,916	*	0
3100	DAIRY CATTLE	20	11.4	262,043	1,752,981	*	0
3200	SWINE	18	11.3	186,495	1,179,165	*	0
3300	SHEEP AND WOOL	3	0.8	25,820	53,584	*	0
3400	OTHER ANIMALS	4	1.7	9,537	187,811	*	0
3500	BEES AND HONEY	2	0.2	6,601	11,222	*	0
3700	CLOTHING & TEXTILES	1	0.2	14,883	22,700	*	0
3800	FOOD	10	3.1	139,737	232,676	*	0
3900	HOUSING & EQUIP	1	0.8	24,244	42,381	*	0
4000	PEOPLE AS INDIVIDUAL	14	4.6	164,488	267,982	*	0
4100	FAMILY MEMBERS	4	1.5	45,166	73,109	*	0
4200	FARM AS BUSINESS	7	1.8	61,299	91,851	*	0
4300	SOC POLIT ORGANIZ	3	1.7	68,312	105,803	*	0
4600	FARM COOPERATIVES	1	0.2	7,117	10,811	*	0
4800	MARKETING SYSTEMS	1	0.0	3,736	4,612	*	0
6100	WEEDS	1	0.3	15,000	24,926	*	0
6600	MICROORGANISMS,VIRUS	1	1.0	26,747	43,803	*	0
6700	PLANTS	3	1.1	2,747	115,593	*	4,384
6800	ANIMALS(VERTEBRATES)	3	0.1	3,220	6,071	*	330
7000	RSCH EQUIP & TECHNOL	1	0.3	7,514	14,698	*	0
9900	UNCLASSIFIED	1	0.0	0	324,167	*	0
TOTAL		364	120.4	3,205,204	11,945,285	*	24,474

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - TEXAS COLLEGE STATION SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	47	11.6	132,961	1,116,998	*	72,951
0200 WATER	37	12.3	152,453	876,432	*	76,856
0300 WATERSHEDS RIVER BAS	4	1.1	20,306	87,037	*	0
0400 AIR AND CLIMATE	6	2.0	17,643	94,876	*	1,293
0500 RECREATION RESOURCES	9	3.1	38,700	247,727	*	1,465
0600 TIMBER FORST PRODUCT	24	4.9	128,324	1,255,737	*	6,533
0700 RANGE	39	10.4	122,643	1,254,315	*	74,145
0800 WILDLIFE AND FISH	37	8.3	131,431	1,283,965	*	20,913
0900 CITRUS SUB TROP FRUT	11	4.4	47,241	269,019	*	1,002
1000 FRUIT NUTS DECIDUOUS	31	7.8	116,942	786,832	*	3,325
1100 POTATOES	4	1.0	22,819	101,461	*	0
1200 VEGETABLES	38	11.7	181,373	1,249,259	*	42,295
1300 ORNAMENTALS TURF	17	5.2	71,187	465,498	*	3,338
1400 CORN	23	2.9	47,739	306,640	*	10,247
1500 GRAIN SORGHUM	53	12.5	184,206	1,202,676	*	28,105
1600 RICE	17	5.6	73,931	482,342	*	13,786
1700 WHEAT	19	4.7	54,660	414,892	*	10,652
1800 OTHER SMALL GRAINS	14	2.6	27,471	322,942	*	68,587
1900 PASTURE	12	2.0	48,114	309,210	*	566
2000 FORAGE CROPS	33	11.3	134,413	1,058,221	*	36,694
2100 COTTON	53	17.6	384,720	2,287,130	*	240,517
2200 COTTONSEED	4	0.5	3,470	48,178	*	0
2300 SOYBEANS	19	4.1	85,655	464,430	*	904
2400 PEANUTS	23	7.8	79,857	917,108	*	35,127
2500 OTHER OILSEED CROPS	6	1.3	51,119	234,766	*	343
2700 SUGAR CROPS	7	4.5	89,992	485,516	*	3,268
2800 MISC NEW CROPS	5	0.4	4,041	40,736	*	4,106
2900 POULTRY	23	9.7	81,038	1,125,571	*	25,212
3000 BEEF CATTLE	68	18.5	645,627	3,215,240	*	233,067
3100 DAIRY CATTLE	24	3.5	85,466	512,295	*	63,672
3200 SWINE	7	1.0	6,986	155,455	*	0
3300 SHEEP AND WOOL	22	4.3	74,651	526,394	*	22,719
3400 OTHER ANIMALS	19	2.8	53,086	410,661	*	51,929
3600 FARM SUPP & FACILITS	5	1.3	14,900	74,160	*	5,589
3700 CLOTHING & TEXTILES	1	0.0	42	295	*	0
3800 FOOD	16	4.0	60,147	233,149	*	569
3900 HOUSING & EQUIP	7	0.9	21,796	66,151	*	915
4000 PEOPLE AS INDIVIDUAL	14	3.8	102,659	340,732	*	7,168
4100 FAMILY MEMBERS	4	0.7	19,319	53,366	*	0
4200 FARM AS BUSINESS	11	3.0	49,571	199,028	*	35,102
4300 SOC POLIT ORGANIZ	11	2.1	48,013	183,129	*	0
4400 AGRIC ECONOMY U S	4	0.1	11,031	57,687	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	0	1,019	*	0
4600 FARM COOPERATIVES	3	0.9	1,063	43,340	*	10,719
4700 OTH MARKET PROCESS	2	0.0	631	16,244	*	13,810
4800 MARKETING SYSTEMS	5	0.5	789	154,749	*	86,862
6100 WEEDS	1	0.2	1,080	12,351	*	0
6200 SEED RESEARCH	1	0.0	2,419	35,208	*	5,351
6300 BIO CELL SYSTEMS	6	0.8	9,387	133,015	*	0
6400 EXP DESIGN/STAT METH	1	0.0	635	7,672	*	0
6500 INVERTEBRATES	3	0.9	4,254	86,524	*	0
6600 MICROORGANISMS,VIRUS	3	1.0	3,673	116,307	*	0
6700 PLANTS	20	7.0	81,939	537,658	*	6,554
6800 ANIMALS(VERTEBRATES)	4	0.4	6,262	36,507	*	2,185
7000 RSCH EQUIP & TECHNOL	3	0.2	5,303	14,047	*	0
9900 UNCLASSIFIED	1	27.4	107,165	1,655,553	*	45,636
TOTAL	882	256.5	3,952,345	27,667,450	*	1,374,077

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - UTAH LOGAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	14	6.0	124,971	377,704	*	33,021
0200 WATER	9	2.3	57,692	176,432	*	0
0300 WATERSHEDS RIVER BAS	3	0.3	7,463	26,011	*	4,744
0400 AIR AND CLIMATE	3	0.8	23,512	70,850	*	7,609
0500 RECREATION RESOURCES	4	2.4	50,599	89,319	*	0
0600 TIMBER FORST PRODUCT	5	1.1	29,520	67,363	*	669
0700 RANGE	19	4.3	60,234	536,859	*	16,845
1000 FRUIT NUTS DECIDUOUS	11	4.2	62,518	202,726	*	0
1100 POTATOES	2	0.7	9,882	28,038	*	0
1200 VEGETABLES	11	1.8	41,491	128,354	*	11,237
1300 ORNAMENTALS TURF	1	0.3	0	57,819	*	10,736
1400 CORN	2	0.3	4,082	23,179	*	0
1700 WHEAT	7	1.7	25,642	191,605	*	0
1800 OTHER SMALL GRAINS	4	0.9	0	55,000	*	0
2000 FORAGE CROPS	14	2.2	29,431	152,195	*	0
2700 SUGAR CROPS	4	0.2	4,296	16,551	*	0
2900 POULTRY	8	4.0	80,642	242,978	*	1,796
3000 BEEF CATTLE	11	4.2	113,740	463,461	*	45,370
3100 DAIRY CATTLE	19	4.7	146,207	759,551	*	4,647
3200 SWINE	3	0.2	3,504	21,957	*	4,647
3300 SHEEP AND WOOL	9	5.7	46,539	585,840	*	1,425
3400 OTHER ANIMALS	6	2.4	34,902	185,546	*	251
3500 BEES AND HONEY	3	0.2	1,464	10,136	*	0
3800 FOOD	5	0.9	8,766	106,764	*	5,387
3900 HOUSING & EQUIP	2	0.6	0	38,000	*	0
4000 PEOPLE AS INDIVIDUAL	6	0.5	13,935	58,021	*	0
4100 FAMILY MEMBERS	2	0.1	24,351	32,809	*	0
4200 FARM AS BUSINESS	4	1.5	0	77,605	*	2,255
4300 SOC POLIT ORGANIZ	6	2.3	59,086	117,891	*	0
6100 WEEDS	1	0.0	0	525	*	0
6300 BIO CELL SYSTEMS	2	0.0	10,569	13,442	*	0
6500 INVERTEBRATES	1	0.7	15,231	32,930	*	0
6600 MICROORGANISMS,VIRUS	1	0.0	0	1,626	*	0
6700 PLANTS	16	3.0	53,419	224,917	*	18,307
6800 ANIMALS(VERTEBRATES)	7	3.3	39,759	216,216	*	9,561
7000 RSCH EQUIP & TECHNOL	1	0.0	0	7,068	*	0
9900 UNCLASSIFIED	2	2.8	16,178	496,504	*	10,614
TOTAL	228	66.4	1,199,623	5,893,792	*	189,121

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - VERMONT BURLINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	9	3.1	77,879	180,235	*	37,823
0200 WATER	2	0.8	28,178	35,795	*	0
0300 WATERSHEDS RIVER BAS	1	0.3	8,308	13,201	*	0
0400 AIR AND CLIMATE	1	0.1	1,988	7,542	*	0
0500 RECREATION RESOURCES	3	0.8	30,690	37,275	*	958
0600 TIMBER FORST PRODUCT	7	2.3	70,047	158,930	*	2,000
1000 FRUIT NUTS DECIDUOUS	9	2.2	93,143	209,440	*	0
1100 POTATOES	2	0.1	0	14,047	*	0
1200 VEGETABLES	3	0.2	3,020	18,079	*	0
1300 ORNAMENTALS TURF	6	1.5	45,591	89,902	*	1,818
1400 CORN	1	0.0	0	7	*	0
1700 WHEAT	1	0.4	20,946	30,619	*	0
2000 FORAGE CROPS	5	0.9	43,322	67,581	*	0
2900 POULTRY	5	1.5	61,911	183,249	*	0
3000 BEEF CATTLE	1	0.0	3,656	5,555	*	0
3100 DAIRY CATTLE	15	4.0	154,437	357,804	*	10,980
3300 SHEEP AND WOOL	3	0.2	7,682	14,773	*	0
3400 OTHER ANIMALS	1	0.1	2,711	11,814	*	0
3600 FARM SUPP & FACILITS	1	0.3	6,808	7,792	*	0
3700 CLOTHING & TEXTILES	1	0.1	1,616	1,616	*	0
3800 FOOD	1	0.7	32,648	32,648	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.6	50,036	107,305	*	20,403
4100 FAMILY MEMBERS	1	0.3	0	19,220	*	0
4200 FARM AS BUSINESS	1	0.3	0	19,220	*	0
4300 SOC POLIT ORGANIZ	2	0.6	21,287	25,413	*	0
4800 MARKETING SYSTEMS	2	0.8	24,717	27,899	*	0
6300 BIO CELL SYSTEMS	5	2.5	81,793	181,951	*	0
6600 MICROORGANISMS,VIRUS	1	0.8	21,069	26,591	*	0
6700 PLANTS	4	0.9	11,191	50,625	*	2,002
TOTAL	100	27.4	904,671	1,936,126	*	75,984

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - VIRGIN ISLANDS ST. THOMAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0800 WILDLIFE AND FISH	3	1.4	44,679	56,808	*	0
0900 CITRUS SUB TROP FRUT	1	0.2	23,247	30,465	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.0	2,583	3,385	*	0
1200 VEGETABLES	2	0.6	41,695	48,913	*	0
1500 GRAIN SORGHUM	1	0.4	13,404	17,615	*	0
1900 PASTURE	1	0.5	15,154	19,966	*	0
2000 FORAGE CROPS	1	0.4	13,404	17,615	*	0
3000 BEEF CATTLE	1	1.0	50,097	50,097	*	0
TOTAL	11	4.4	204,263	244,863	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - VIRGINIA BLACKSBURG SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	16	10.3	13,814	1,008,425	*	15,043
0200 WATER	8	0.9	13,504	90,334	*	18,395
0300 WATERSHEDS RIVER BAS	2	1.6	32,937	153,069	*	0
0500 RECREATION RESOURCES	2	0.9	23,949	112,409	*	9,123
0600 TIMBER FORST PRODUCT	28	15.4	227,870	1,663,690	*	197,248
0800 WILDLIFE AND FISH	7	2.9	53,707	512,169	*	31,470
0900 CITRUS SUB TROP FRUT	1	0.0	0	155	*	0
1000 FRUIT NUTS DECIDUOUS	20	8.2	157,132	731,768	*	12,095
1200 VEGETABLES	6	1.6	12,224	125,813	*	0
1300 ORNAMENTALS TURF	16	5.3	132,016	440,780	*	20
1400 CORN	15	3.7	92,728	262,485	*	1,088
1500 GRAIN SORGHUM	1	0.1	0	7,780	*	0
1700 WHEAT	4	1.1	40,926	81,350	*	792
1800 OTHER SMALL GRAINS	5	1.2	42,057	80,914	*	792
1900 PASTURE	3	0.5	7,058	38,554	*	6,602
2000 FORAGE CROPS	11	6.3	153,641	435,557	*	59,344
2100 COTTON	2	0.1	2,425	5,940	*	908
2300 SOYBEANS	16	6.4	158,173	499,568	*	39,832
2400 PEANUTS	7	3.4	35,192	313,669	*	46,380
2600 TOBACCO	17	7.3	67,781	552,991	*	1,148
2800 MISC NEW CROPS	1	0.0	910	2,181	*	0
2900 POULTRY	22	10.3	224,741	851,910	*	4,139
3000 BEEF CATTLE	28	11.7	329,098	1,037,347	*	39,477
3100 DAIRY CATTLE	21	9.6	275,672	799,030	*	3,125
3200 SWINE	12	5.9	92,601	459,540	*	18,547
3300 SHEEP AND WOOL	6	1.7	47,420	195,310	*	0
3400 OTHER ANIMALS	5	1.3	54,707	147,535	*	0
3700 CLOTHING & TEXTILES	1	1.3	28,836	44,637	*	0
3800 FOOD	8	3.4	91,097	271,327	*	27,974
3900 HOUSING & EQUIP	3	2.4	58,183	113,396	*	0
4000 PEOPLE AS INDIVIDUAL	16	6.4	142,785	440,233	*	3,861
4100 FAMILY MEMBERS	3	1.5	17,173	26,641	*	0
4200 FARM AS BUSINESS	1	0.2	0	5,595	*	0
4300 SOC POLIT ORGANIZ	3	1.4	36,577	90,815	*	0
4400 AGRIC ECONOMY U S	1	2.3	0	29,700	*	6,821
4700 OTH MARKET PROCESS	1	0.0	0	13,272	*	0
4800 MARKETING SYSTEMS	1	0.8	8,544	15,410	*	0
6100 WEEDS	3	0.3	7,074	17,512	*	284
6300 BIO CELL SYSTEMS	6	3.1	32,576	234,942	*	0
6500 INVERTEBRATES	2	1.3	25,570	81,722	*	0
6600 MICROORGANISMS,VIRUS	2	9.6	10,719	1,056,813	*	0
6700 PLANTS	15	5.2	84,929	337,345	*	7,788
6800 ANIMALS(VERTEBRATES)	4	1.4	24,090	119,244	*	2,072
7000 RSCH EQUIP & TECHNOL	1	1.4	0	124,043	*	0
9900 UNCLASSIFIED	1	1.0	0	182,891	*	0
TOTAL	354	160.8	2,856,395	13,815,410	*	554,365

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - WASHINGTON PULLMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	30	9.0	156,809	935,334	*	67,491
0200 WATER	11	2.3	49,852	242,542	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	0	11,275	*	0
0400 AIR AND CLIMATE	3	0.5	7,336	23,925	*	0
0500 RECREATION RESOURCES	1	0.0	0	1,681	*	1,613
0600 TIMBER FORST PRODUCT	32	9.0	121,971	1,166,867	*	97,198
0700 RANGE	12	0.9	12,538	109,154	*	11,042
0800 WILDLIFE AND FISH	7	1.4	24,850	109,317	*	253
1000 FRUIT NUTS DECIDUOUS	60	24.3	448,572	2,721,372	*	13,118
1100 POTATOES	19	7.1	44,916	863,858	*	26,992
1200 VEGETABLES	53	11.7	184,392	1,559,074	*	41,176
1300 ORNAMENTALS TURF	12	6.2	0	484,134	*	4,008
1400 CORN	2	0.3	0	20,217	*	5
1700 WHEAT	35	6.4	160,242	1,053,434	*	52,584
1800 OTHER SMALL GRAINS	18	2.5	68,559	364,562	*	229
1900 PASTURE	1	0.0	0	1,037	*	0
2000 FORAGE CROPS	16	2.4	75,209	355,145	*	33,100
2300 SOYBEANS	2	0.4	0	33,095	*	0
2500 OTHER OILSEED CROPS	2	0.1	13,750	16,919	*	0
2700 SUGAR CROPS	5	0.8	3,760	111,766	*	2,500
2800 MISC NEW CROPS	12	1.9	32,514	278,818	*	10,083
2900 POULTRY	15	4.7	44,519	663,567	*	0
3000 BEEF CATTLE	22	4.5	108,919	874,924	*	3,686
3100 DAIRY CATTLE	13	3.8	70,125	471,281	*	0
3200 SWINE	5	1.0	3,949	214,247	*	0
3300 SHEEP AND WOOL	12	2.0	59,539	227,847	*	1,183
3400 OTHER ANIMALS	3	0.5	0	41,502	*	0
3500 BEES AND HONEY	2	1.4	49,390	89,473	*	0
3800 FOOD	5	1.8	38,844	110,118	*	684
3900 HOUSING & EQUIP	3	0.5	17,097	93,693	*	0
4000 PEOPLE AS INDIVIDUAL	10	4.2	102,857	257,702	*	13,005
4100 FAMILY MEMBERS	5	1.0	33,325	92,751	*	15,339
4200 FARM AS BUSINESS	3	1.3	41,841	82,586	*	0
4300 SOC POLIT ORGANIZ	4	1.4	46,723	95,491	*	186
4400 AGRIC ECONOMY U S	4	1.9	52,124	140,330	*	0
4600 FARM COOPERATIVES	1	0.2	0	18,035	*	2,228
4800 MARKETING SYSTEMS	3	1.3	0	131,251	*	11,583
6100 WEEDS	4	1.2	357	81,674	*	0
6200 SEED RESEARCH	1	0.1	0	3,273	*	0
6300 BIO CELL SYSTEMS	2	0.6	0	79,316	*	0
6400 EXP DESIGN/STAT METH	3	0.1	0	15,565	*	2,465
6500 INVERTEBRATES	7	1.3	9,990	169,841	*	7,728
6600 MICROORGANISMS,VIRUS	5	0.6	11,009	53,989	*	0
6700 PLANTS	14	4.8	132,238	495,158	*	8,757
6800 ANIMALS(VERTEBRATES)	3	0.3	5,042	94,461	*	0
7000 RSCH EQUIP & TECHNOL	3	0.4	0	16,737	*	0
9900 UNCLASSIFIED	1	0.0	6,855	6,855	*	0
TOTAL	487	128.1	2,240,013	15,085,190	*	428,234

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - WEST VIRGINIA MORGANTOWN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	14	2.6	118,137	335,100	*	0
0200 WATER	3	0.7	29,904	40,316	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	84	201	*	0
0400 AIR AND CLIMATE	2	0.4	15,147	21,498	*	0
0500 RECREATION RESOURCES	8	2.0	43,518	81,425	*	869
0600 TIMBER FORST PRODUCT	17	5.5	210,582	431,759	*	1,987
0700 RANGE	1	0.3	78,385	116,523	*	0
0800 WILDLIFE AND FISH	13	1.5	35,881	152,841	*	12,046
1000 FRUIT NUTS DECIDUOUS	14	5.2	208,736	373,857	*	0
1100 POTATOES	3	1.1	91,853	126,503	*	0
1200 VEGETABLES	6	1.3	53,519	96,742	*	0
1300 ORNAMENTALS TURF	5	1.1	49,930	90,570	*	24
1400 CORN	4	0.8	51,526	83,270	*	235
1700 WHEAT	1	0.1	0	6,957	*	118
1800 OTHER SMALL GRAINS	1	0.1	0	6,957	*	118
1900 PASTURE	1	0.4	10,297	33,141	*	0
2000 FORAGE CROPS	7	2.2	84,954	182,288	*	0
2900 POULTRY	7	2.9	131,638	290,016	*	0
3000 BEEF CATTLE	9	3.5	263,708	496,974	*	0
3100 DAIRY CATTLE	4	0.9	31,539	118,904	*	0
3300 SHEEP AND WOOL	5	1.6	134,120	286,133	*	0
3400 OTHER ANIMALS	1	0.5	28,188	40,426	*	0
3800 FOOD	1	0.3	21,761	24,025	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.3	16,444	18,191	*	0
4200 FARM AS BUSINESS	1	1.0	42,184	58,364	*	0
4300 SOC POLIT ORGANIZ	4	1.3	53,944	98,169	*	18,787
4800 MARKETING SYSTEMS	1	0.9	38,436	45,196	*	0
6300 BIO CELL SYSTEMS	1	0.6	36,199	49,274	*	0
6500 INVERTEBRATES	1	0.1	749	1,027	*	0
6700 PLANTS	1	0.1	0	1,323	*	0
6800 ANIMALS(VERTEBRATES)	2	0.2	5,927	10,293	*	0
9900 UNCLASSIFIED	1	0.3	0	39,111	*	12,575
TOTAL	143	39.6	1,887,288	3,757,372	*	46,757

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - WISCONSIN MADISON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	40	8.5	214,568	1,015,340	*	8,191
0200 WATER	14	3.9	36,109	337,045	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	0	14,020	*	0
0400 AIR AND CLIMATE	1	0.1	6,057	10,363	*	0
0500 RECREATION RESOURCES	8	2.5	65,628	187,050	*	0
0600 TIMBER FORST PRODUCT	31	11.3	305,940	950,284	*	57,366
0800 WILDLIFE AND FISH	22	5.9	41,071	775,088	*	0
1000 FRUIT NUTS DECIDUOUS	15	3.3	54,331	263,128	*	6,750
1100 POTATOES	15	4.5	156,956	443,114	*	0
1200 VEGETABLES	41	11.6	195,055	968,325	*	58,150
1300 ORNAMENTALS TURF	11	2.4	21,387	137,888	*	0
1400 CORN	17	3.1	122,967	402,072	*	0
1500 GRAIN SORGHUM	1	0.0	10,518	11,774	*	0
1700 WHEAT	3	0.6	0	38,902	*	0
1800 OTHER SMALL GRAINS	7	1.9	27,163	181,492	*	0
1900 PASTURE	1	0.2	0	8,672	*	0
2000 FORAGE CROPS	25	7.2	205,820	747,636	*	0
2300 SOYBEANS	13	2.6	51,585	402,016	*	22,949
2600 TOBACCO	2	0.6	9,023	40,465	*	1,170
2900 POULTRY	17	4.7	121,598	690,882	*	57,236
3000 BEEF CATILE	17	4.9	211,923	706,126	*	12,437
3100 DAIRY CATTLE	47	14.0	401,098	2,669,480	*	140,790
3200 SWINE	19	3.3	119,525	593,683	*	40,753
3300 SHEEP AND WOOL	5	1.1	49,775	231,171	*	1,979
3400 OTHER ANIMALS	7	1.9	24,977	433,993	*	0
3500 BEES AND HONEY	4	2.7	0	119,466	*	0
3700 CLOTHING & TEXTILES	1	0.4	6,241	7,310	*	0
3800 FOOD	28	6.8	148,400	728,397	*	0
3900 HOUSING & EQUIP	1	0.3	0	26,200	*	13,344
4000 PEOPLE AS INDIVIDUAL	41	11.2	110,231	1,156,998	*	4,486
4100 FAMILY MEMBERS	4	0.6	21,008	38,837	*	0
4200 FARM AS BUSINESS	6	1.0	26,171	92,774	*	0
4300 SOC POLIT ORGANIZ	15	4.0	83,148	313,398	*	10,468
4400 AGRIC ECONOMY U S	2	0.9	22,772	129,304	*	35,730
4500 AGRIC ECONOMY FORGN	1	0.1	0	6,022	*	0
4600 FARM COOPERATIVES	4	0.5	19,973	38,807	*	953
4800 MARKETING SYSTEMS	6	1.3	29,014	113,521	*	9,885
6200 SEED RESEARCH	1	0.4	13,410	64,405	*	0
6300 BIO CELL SYSTEMS	20	6.8	0	1,132,718	*	0
6400 EXP DESIGN/STAT METH	1	0.2	0	12,646	*	0
6500 INVERTEBRATES	7	2.7	34,990	234,183	*	0
6600 MICROORGANISMS,VIRUS	21	8.8	49,584	1,354,555	*	28,103
6700 PLANTS	14	4.3	110,467	530,958	*	25,229
6800 ANIMALS(VERTEBRATES)	20	3.7	61,498	683,456	*	22,549
7000 RSCH EQUIP & TECHNOL	1	0.1	14,791	18,235	*	0
9900 UNCLASSIFIED	1	0.0	0	107,382	*	29,493
TOTAL	579	156.5	3,204,769	19,169,575	*	588,011

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - WYOMING LARAMIE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	9	1.9	21,466	166,154	*	0
0200 WATER	10	2.6	58,479	123,639	*	0
0300 WATERSHEDS RIVER BAS	1	0.4	8,370	12,020	*	0
0400 AIR AND CLIMATE	4	0.6	21,150	30,279	*	0
0600 TIMBER FORST PRODUCT	3	1.8	65,980	94,827	*	0
0700 RANGE	13	4.5	40,107	315,291	*	0
0800 WILDLIFE AND FISH	1	0.1	4,247	7,123	*	0
1100 POTATOES	1	0.7	3,318	20,283	*	0
1200 VEGETABLES	1	0.5	0	23,795	*	0
1300 ORNAMENTALS TURF	1	0.1	2,348	2,810	*	0
1400 CORN	5	0.3	1,250	36,054	*	0
1700 WHEAT	6	0.8	4,297	68,733	*	0
1800 OTHER SMALL GRAINS	7	0.9	3,072	73,840	*	0
1900 PASTURE	4	0.4	4,655	100,567	*	0
2000 FORAGE CROPS	14	3.7	62,418	258,985	*	38,590
2700 SUGAR CROPS	7	1.3	26,750	97,777	*	0
2900 POULTRY	1	0.6	19,901	47,564	*	0
3000 BEEF CATTLE	20	8.6	401,476	711,497	*	19,728
3100 DAIRY CATTLE	6	1.1	43,070	55,484	*	0
3300 SHEEP AND WOOL	9	5.3	179,127	333,871	*	0
3400 OTHER ANIMALS	3	0.7	12,664	105,860	*	0
3900 HOUSING & EQUIP	3	1.7	2,759	97,653	*	20,000
4000 PEOPLE AS INDIVIDUAL	1	0.2	2,844	8,010	*	0
4200 FARM AS BUSINESS	1	0.6	29,928	37,589	*	0
4300 SOC POLIT ORGANIZ	4	0.5	17,016	25,092	*	0
4400 AGRIC ECONOMY U S	2	0.3	2,602	11,446	*	0
4700 OTH MARKET PROCESS	1	0.2	797	7,638	*	0
6100 WEEDS	1	0.0	1,644	5,540	*	0
6500 INVERTEBRATES	3	1.0	2,844	35,620	*	0
6600 MICROORGANISMS,VIRUS	1	0.4	0	8,465	*	0
6700 PLANTS	4	1.5	0	45,504	*	1,694
6800 ANIMALS(VERTEBRATES)	2	0.3	0	15,542	*	128
TOTAL	149	43.2	1,044,577	2,984,549	*	80,140

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	38	13.3	154,155	1,341,886	*	81,008
0200 WATER	15	4.7	46,641	550,854	*	10,980
0300 WATERSHEDS RIVER BAS	18	4.8	31,033	305,901	*	110,693
0400 AIR AND CLIMATE	1	0.2	18,310	53,142	*	8,091
0500 RECREATION RESOURCES	32	8.9	164,883	948,369	*	40,949
0600 TIMBER FORST PRODUCT	379	120.2	1,598,024	10,660,409	*	905,764
0700 RANGE	16	2.7	18,444	179,883	*	46,698
0800 WILDLIFE AND FISH	74	23.9	191,398	2,332,202	*	244,442
1300 ORNAMENTALS TURF	4	0.3	3,601	18,014	*	0
2000 FORAGE CROPS	1	0.1	0	6,002	*	2,559
2300 SOYBEANS	1	0.0	0	9,911	*	9,911
2900 POULTRY	1	0.1	0	1,776	*	0
3000 BEEF CATTLE	1	0.0	0	90	*	90
3200 SWINE	1	0.3	0	36,994	*	29,303
3900 HOUSING & EQUIP	5	0.9	0	71,225	*	8,886
4000 PEOPLE AS INDIVIDUAL	2	0.4	13,335	25,380	*	731
4300 SOC POLIT ORGANIZ	1	0.1	0	1,786	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	0	104	*	0
4800 MARKETING SYSTEMS	1	0.0	1,536	1,536	*	0
6300 BIO CELL SYSTEMS	1	0.2	0	7,322	*	0
6400 EXP DESIGN/STAT METH	4	0.5	4,354	34,510	*	0
6500 INVERTEBRATES	1	1.0	0	15,944	*	0
6600 MICROORGANISMS,VIRUS	1	0.1	0	3,729	*	0
6700 PLANTS	6	2.1	1,089	61,941	*	3,006
7000 RSCH EQUIP & TECHNOL	6	0.4	11,935	32,946	*	0
9900 UNCLASSIFIED	11	23.7	11,216	1,607,527	*	241,235
TOTAL	622	208.8	2,269,954	18,309,382	*	1,744,344

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	9	3.8	21,053	580,079	*	1,176
102 SOIL PLNT WTR NUTRI	23	7.4	93,520	628,929	*	79,245
104 ALTERN USE OF LAND	9	1.8	74,302	130,795	*	0
105 CONSERV USE OF WATE	3	2.5	0	422,601	*	1,176
107 WATERSHED PROT & MG	19	9.2	36,706	1,022,666	*	80,257
108 ECON LEG PROB OF WA	1	0.0	0	56	*	0
109 WEATHER ADAPT & MOD	1	0.2	18,310	53,142	*	8,091
110 APPRAIS FORST & RAN	31	4.4	103,221	310,691	*	9,624
111 BIOL CULT MGMT FORS	144	34.6	684,254	3,872,912	*	376,235
112 IMPROV RANGE RESOR	12	1.9	5,839	128,241	*	46,698
113 REMOTE SENSING	10	0.7	35,045	91,582	*	35,558
SUBTOTAL	262	66.6	1,072,250	7,241,695	*	638,059
SERIES 200						
201 CNTRL FORST INSECTS	45	12.3	115,736	791,725	*	129,837
202 CONTROL FOREST DIS	28	4.5	132,024	349,285	*	13,467
203 FOREST FIRE PROTECT	6	0.8	0	73,697	*	16,549
211 CONTR DIS ANIMALS	1	0.1	0	1,776	*	0
213 PROT ANMLS FROM TOX	1	0.0	0	90	*	90
214 PROTECT FROM POLLUT	5	0.5	4,593	61,881	*	5,117
SUBTOTAL	86	18.1	252,353	1,278,453	*	165,060
SERIES 300						
301 GENET BREED FORST T	35	7.1	124,738	658,466	*	77,305
302 IMP FOREST ENG SYS	15	4.6	66,864	359,305	*	11,935
303 ECON TIMBER PRODUCT	19	4.0	29,527	300,148	*	71,025
307 IMP BIO EFF FLD CRP	2	1.8	0	50,987	*	9,911
310 ANIMAL REPRODUCTION	1	0.3	0	36,994	*	29,303
318 NON-COM BIO TECH/BI	10	2.1	5,443	81,264	*	3,006
SUBTOTAL	82	19.8	226,571	1,487,164	*	202,485
SERIES 400						
401 NEW IMP FOREST PROD	68	32.2	206,092	2,171,761	*	69,185
412 MKT QUAL ANIMAL PRO	1	0.1	2,565	9,902	*	3,277
SUBTOTAL	69	32.3	208,657	2,181,664	*	72,463
SERIES 500						
502 MKTG TIMBER PRODUCT	4	1.1	2,134	121,794	*	17,612
509 PERFORMANCE MKTG SY	1	0.0	1,536	1,536	*	0
512 IMP GRADES FRST PRO	5	1.8	0	116,285	*	10,191
513 PRICE ANAL FRST PRO	8	2.3	38,419	191,776	*	17,837
SUBTOTAL	18	5.2	42,088	431,391	*	45,641
SERIES 600						
603 TECH AID DEV CRTY	4	0.4	11,678	23,598	*	4,847
SUBTOTAL	4	0.4	11,678	23,598	*	4,847
SERIES 800						
805 COMMUNICAT RURAL PE	2	0.4	13,335	25,380	*	731
SUBTOTAL	2	0.4	13,335	25,380	*	731
SERIES 900						
901 ALLEV POLLUTION	10	3.7	41,981	259,508	*	45,920
902 OUTDOOR RECREATION	31	8.2	164,799	913,322	*	40,949
903 MULTI-USE-FOREST PO	15	4.5	83,679	270,277	*	7,842
904 WILDLFE AND FISH ECO	69	22.5	137,747	2,256,963	*	242,338
905 TREES BEAUTIFICATIO	6	3.1	3,601	325,724	*	36,775
906 ORNAMENT & TURF DEV	1	0.1	0	4,932	*	0
907 RURAL INCOME IMP	1	0.1	0	1,786	*	0
990 UNCLASSIFIED	11	23.7	11,216	1,607,527	*	241,235
SUBTOTAL	144	65.9	443,023	5,640,038	*	615,059
SCIENCE IN SERV OF MAN GRAND TOTAL	667	208.8	2,269,954	18,309,382	*	1,744,344

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH FLAGSTAFF

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0500 RECREATION RESOURCES	2	0.2	808	3,298	*	0
0600 TIMBER FORST PRODUCT	7	3.1	60,281	121,849	*	0
0700 RANGE	2	0.7	5,839	15,939	*	0
9900 UNCLASSIFIED	1	0.7	0	38,679	*	38,679
TOTAL	12	4.7	66,928	179,765	*	38,679

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH ARCATA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	2	0.2	4,767	11,871	*	0
0600 TIMBER FORST PRODUCT	11	0.9	37,120	91,676	*	0
1300 ORNAMENTALS TURF	2	0.1	3,601	8,522	*	0
TOTAL	15	1.2	45,488	112,069	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH CARBONDALE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	2	0.0	2,042	3,400	*	0
0200 WATER	1	0.1	5,104	6,246	*	0
0300 WATERSHEDS RIVER BAS	3	0.3	3,062	23,088	*	0
0500 RECREATION RESOURCES	4	0.6	2,181	207,940	*	0
0600 TIMBER FORST PRODUCT	23	2.7	88,591	169,407	*	2,784
0700 RANGE	1	0.0	0	437	*	0
0800 WILDLIFE AND FISH	1	0.1	0	3,430	*	1,462
2000 FORAGE CROPS	1	0.1	0	6,002	*	2,559
3200 SWINE	1	0.3	0	36,994	*	29,303
4000 PEOPLE AS INDIVIDUAL	1	0.0	0	1,715	*	731
9900 UNCLASSIFIED	1	0.9	0	62,272	*	0
TOTAL	39	5.0	100,980	520,931	*	36,838

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH FT COLLINS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	4	0.3	30,258	107,307	*	0
0200 WATER	2	0.1	9,794	9,794	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	22,511	22,511	*	0
0500 RECREATION RESOURCES	1	0.2	18,931	18,931	*	0
0600 TIMBER FORST PRODUCT	8	1.5	87,541	129,024	*	0
TOTAL	17	2.4	169,035	287,567	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH MOSCOW

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1	0.2	8,404	16,463	*	0
0300 WATERSHEDS RIVER BAS	3	0.8	0	97,874	*	60,724
0500 RECREATION RESOURCES	2	1.0	8,467	139,333	*	0
0600 TIMBER FORST PRODUCT	43	12.7	164,063	1,399,979	*	190,917
0700 RANGE	8	1.5	12,605	144,567	*	46,698
0800 WILDLIFE AND FISH	27	7.1	18,258	592,841	*	14,272
3000 BEEF CATTLE	1	0.0	0	90	*	90
6700 PLANTS	2	0.2	0	16,421	*	3,006
9900 UNCLASSIFIED	1	6.2	0	217,199	*	31,744
TOTAL	88	29.6	211,797	2,624,767	*	347,450

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH RUSTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1	0.6	15,277	34,980	*	0
0600 TIMBER FORST PRODUCT	4	1.6	61,927	142,110	*	0
0800 WILDLIFE AND FISH	1	0.6	8,593	19,676	*	0
TOTAL	6	2.8	85,797	196,766	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH ANN ARBOR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	5	0.3	12,659	22,105	*	0
0200 WATER	3	0.1	7,660	11,477	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	0	56	*	0
0500 RECREATION RESOURCES	5	1.0	3,636	47,982	*	0
0600 TIMBER FORST PRODUCT	37	3.3	86,029	217,650	*	0
0700 RANGE	2	0.1	0	1,926	*	0
0800 WILDLIFE AND FISH	7	0.9	0	48,374	*	0
1300 ORNAMENTALS TURF	2	0.2	0	9,492	*	0
2300 SOYBEANS	1	0.0	0	9,911	*	9,911
3900 HOUSING & EQUIP	1	0.0	0	415	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	0	104	*	0
6400 EXP DESIGN/STAT METH	2	0.1	4,354	6,964	*	0
6700 PLANTS	2	0.0	1,089	2,835	*	0
7000 RSCH EQUIP & TECHNOL	2	0.0	0	159	*	0
TOTAL	71	6.1	115,426	379,449	*	9,911

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH HOUGHTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	3	1.3	20,650	96,355	*	0
0600 TIMBER FORST PRODUCT	24	10.6	57,836	1,046,566	*	0
9900 UNCLASSIFIED	1	0.3	0	38,731	*	0
TOTAL	28	12.2	78,486	1,181,652	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH MISSOULA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0500 RECREATION RESOURCES	3	0.8	42,959	114,764	*	10,317
0600 TIMBER FORST PRODUCT	14	3.3	90,978	345,984	*	102,587
0800 WILDLIFE AND FISH	7	7.6	57,642	1,008,514	*	140,071
4800 MARKETING SYSTEMS	1	0.0	1,536	1,536	*	0
9900 UNCLASSIFIED	1	0.0	0	63,908	*	21,290
TOTAL	26	11.8	193,114	1,534,706	*	274,265

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH SYRACUSE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	4	0.5	11,067	30,624	*	0
0200 WATER	2	0.6	6,700	22,110	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	3,928	9,253	*	0
0500 RECREATION RESOURCES	2	0.2	0	12,646	*	700
0600 TIMBER FORST PRODUCT	32	14.6	103,217	644,367	*	37,833
0800 WILDLIFE AND FISH	12	2.1	0	190,756	*	250
4300 SOC POLIT ORGANIZ	1	0.1	0	1,786	*	0
6300 BIO CELL SYSTEMS	1	0.2	0	7,322	*	0
6500 INVERTEBRATES	1	1.0	0	15,944	*	0
6600 MICROORGANISMS,VIRUS	1	0.1	0	3,729	*	0
6700 PLANTS	2	1.9	0	42,686	*	0
7000 RSCH EQUIP & TECHNOL	2	0.2	11,935	20,275	*	0
9900 UNCLASSIFIED	1	12.2	0	694,520	*	76,927
TOTAL	62	33.7	136,846	1,696,017	*	115,710

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH CORVALLIS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	4	4.1	17,433	114,851	*	78,069
0200 WATER	1	0.9	17,384	58,900	*	9,804
0300 WATERSHEDS RIVER BAS	3	2.2	1,532	54,943	*	48,793
0400 AIR AND CLIMATE	1	0.2	18,310	53,142	*	8,091
0500 RECREATION RESOURCES	6	1.3	0	130,723	*	11,864
0600 TIMBER FORST PRODUCT	98	33.4	268,806	2,895,223	*	223,378
0700 RANGE	2	0.4	0	15,074	*	0
0800 WILDLIFE AND FISH	2	3.1	0	87,559	*	48,793
3900 HOUSING & EQUIP	2	0.3	0	10,832	*	0
6400 EXP DESIGN/STAT METH	2	0.4	0	27,546	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	5,414	*	0
9900 UNCLASSIFIED	1	0.0	11,216	11,216	*	0
TOTAL	123	46.3	334,681	3,465,422	*	428,792

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH CLEMSON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	4	0.4	18,409	24,960	*	0
0200 WATER	1	0.3	0	17,598	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	0	5,239	*	0
0500 RECREATION RESOURCES	1	0.3	26,972	27,191	*	0
0600 TIMBER FORST PRODUCT	33	4.6	167,661	465,478	*	13,989
0800 WILDLIFE AND FISH	8	0.8	25,252	72,588	*	0
2900 POULTRY	1	0.1	0	1,776	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	0	7,098	*	0
9900 UNCLASSIFIED	1	3.1	0	206,662	*	25,374
TOTAL	51	9.8	238,294	828,588	*	39,363

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH NACOGDOCHES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	4	0.4	13,191	16,129	*	0
0200 WATER	2	0.2	0	7,072	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	0	11,049	*	0
0500 RECREATION RESOURCES	1	0.1	0	4,567	*	0
0600 TIMBER FORST PRODUCT	17	4.2	74,709	302,493	*	0
0800 WILDLIFE AND FISH	4	0.9	50,343	85,019	*	0
9900 UNCLASSIFIED	1	0.3	0	148,367	*	47,221
TOTAL	31	6.4	138,242	574,695	*	47,221

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH BURLINGTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0500 RECREATION RESOURCES	2	1.9	58,551	122,389	*	2,307
0600 TIMBER FORST PRODUCT	4	1.3	68,131	168,269	*	0
0800 WILDLIFE AND FISH	3	0.8	31,310	77,758	*	9,684
4000 PEOPLE AS INDIVIDUAL	1	0.4	13,335	23,665	*	0
9900 UNCLASSIFIED	1	0.0	0	17,259	*	0
TOTAL	11	4.3	171,327	409,339	*	11,991

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FORESTRY SCH SEATTLE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	4	4.9	0	862,842	*	2,940
0200 WATER	3	2.5	0	417,657	*	1,176
0300 WATERSHEDS RIVER BAS	2	0.8	0	81,890	*	1,176
0500 RECREATION RESOURCES	3	1.3	2,378	118,606	*	15,761
0600 TIMBER FORST PRODUCT	24	22.5	181,135	2,520,335	*	334,277
0700 RANGE	1	0.0	0	1,939	*	0
0800 WILDLIFE AND FISH	2	0.0	0	145,689	*	29,910
3900 HOUSING & EQUIP	2	0.6	0	59,978	*	8,886
9900 UNCLASSIFIED	1	0.0	0	108,714	*	0
TOTAL	42	32.5	183,513	4,317,649	*	394,124

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	27	6.3	0	515,667	*	496,597
0200 WATER	13	8.5	0	420,205	*	420,205
0300 WATERSHEDS RIVER BAS	1	0.2	0	57,651	*	57,651
0400 AIR AND CLIMATE	1	0.1	0	40,869	*	40,869
0500 RECREATION RESOURCES	3	0.5	0	58,762	*	58,762
0600 TIMBER FORST PRODUCT	4	1.2	0	64,681	*	40,803
0800 WILDLIFE AND FISH	21	6.3	0	511,761	*	450,629
0900 CITRUS SUB TROP FRUT	2	0.0	0	1,991	*	1,991
1000 FRUIT NUTS DECIDUOUS	7	2.4	0	171,062	*	171,062
1200 VEGETABLES	30	9.3	0	698,732	*	695,037
1300 ORNAMENTALS TURF	2	0.5	0	57,685	*	57,685
1400 CORN	5	0.4	0	61,772	*	61,772
1500 GRAIN SORGHUM	1	0.8	0	14,273	*	14,273
1600 RICE	1	0.0	0	2,425	*	2,425
1700 WHEAT	4	1.3	0	55,681	*	52,260
1800 OTHER SMALL GRAINS	14	6.1	0	628,773	*	628,773
1900 PASTURE	1	0.3	0	15,193	*	15,193
2000 FORAGE CROPS	7	0.7	0	126,700	*	108,360
2100 COTTON	5	4.9	0	198,279	*	198,279
2300 SOYBEANS	30	9.0	0	1,227,441	*	980,688
2400 PEANUTS	7	6.6	0	192,699	*	189,278
2500 OTHER OILSEED CROPS	1	0.1	0	10,199	*	6,778
2600 TOBACCO	1	0.2	0	12,627	*	12,627
2800 MISC NEW CROPS	1	0.2	0	8,075	*	8,075
2900 POULTRY	21	4.7	0	491,508	*	468,013
3000 BEEF CATTLE	28	7.7	0	699,898	*	699,317
3100 DAIRY CATTLE	14	1.8	0	416,201	*	416,201
3200 SWINE	25	5.0	0	528,548	*	467,416
3300 SHEEP AND WOOL	7	0.8	0	58,849	*	58,849
3400 OTHER ANIMALS	14	3.5	0	338,335	*	332,837
3600 FARM SUPP & FACILITS	6	4.1	0	329,903	*	329,903
3700 CLOTHING & TEXTILES	3	1.7	0	104,873	*	104,873
3800 FOOD	45	12.4	0	962,733	*	962,733
3900 HOUSING & EQUIP	6	1.4	0	172,117	*	172,117
4000 PEOPLE AS INDIVIDUAL	102	29.5	0	2,401,685	*	2,354,308
4100 FAMILY MEMBERS	42	4.6	0	830,929	*	741,435
4200 FARM AS BUSINESS	9	1.6	0	185,705	*	155,139
4300 SOC POLIT ORGANIZ	21	3.1	0	357,435	*	348,806
4400 AGRIC ECONOMY U S	2	0.4	0	48,427	*	48,427
4600 FARM COOPERATIVES	3	0.9	0	130,360	*	130,360
4800 MARKETING SYSTEMS	2	1.0	0	82,510	*	82,510
6100 WEEDS	5	0.7	0	44,357	*	44,357
6300 BIO CELL SYSTEMS	1	0.2	0	39,867	*	39,867
6400 EXP DESIGN/STAT METH	2	0.2	0	22,072	*	22,072
6500 INVERTEBRATES	2	0.0	0	40,560	*	40,560
6600 MICROORGANISMS,VIRUS	2	0.2	0	18,648	*	18,648
6700 PLANTS	8	1.4	0	235,087	*	227,445
6800 ANIMALS(VERTEBRATES)	3	0.6	0	47,100	*	47,100
TOTAL	562	153.3	0	13,740,906	*	13,083,361

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY PROBLEM AREA- OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
SERIES 100						
101 APPRAIS OF SOIL RES	5	0.9	0	35,923	*	35,923
102 SOIL PLNT WTR NUTRI	11	1.2	0	152,852	*	133,782
103 MGMT OF SALINE SOIL	1	0.2	0	3,222	*	3,222
104 ALTERN USE OF LAND	1	0.0	0	581	*	581
105 CONSERV USE OF WATE	1	0.3	0	14,311	*	14,311
109 WEATHER ADAPT & MOD	2	0.6	0	28,670	*	28,670
111 BIOL CULT MGMT FORS	2	0.9	0	35,916	*	35,916
SUBTOTAL	23	4.1	0	271,476	*	252,406
SERIES 200						
201 CNTRL FORST INSECTS	1	0.2	0	23,878	*	0
204 CNTR PESTS FRT & VE	3	2.1	0	89,043	*	89,043
205 CNTR DISE FRT & VEG	6	1.4	0	69,669	*	69,669
206 CNTR WEEDS FRT & VE	10	1.4	0	95,389	*	95,334
207 CNTR PESTS FLD CROP	11	1.1	0	303,055	*	203,715
208 CNTR DIS FIELD CROP	9	5.8	0	382,600	*	382,600
209 CNTR WEEDS FLD CROP	2	0.6	0	26,947	*	26,947
211 CONTR DIS ANIMALS	11	1.3	0	148,471	*	133,188
212 CNTR INTER PARASITE	2	0.0	0	658	*	658
214 PROTECT FROM POLLUT	11	2.1	0	256,950	*	229,575
SUBTOTAL	66	16.1	0	1,396,658	*	1,230,728
SERIES 300						
304 IMP BIO EFF FRT & V	25	5.9	0	535,426	*	535,207
306 PROD MGMT SYS F & V	1	0.0	0	606	*	606
307 IMP BIC EFF FLD CRP	37	12.6	0	1,384,285	*	1,236,872
309 PROD MGMT SYS FLD C	1	0.2	0	28,848	*	28,848
310 ANIMAL REPRODUCTION	14	3.3	0	354,362	*	354,362
311 IMP BIO EFF ANML PE	33	8.9	0	1,043,902	*	1,043,879
312 ENV STRESS IN ANML	4	0.8	0	29,557	*	29,557
313 PROD MGMT SYS ANML	7	2.4	0	227,206	*	227,206
315 IMP STRUC FARM SUPP	6	4.1	0	329,903	*	329,903
316 FARM BUSINESS MGMT	4	0.6	0	42,969	*	42,969
318 NON-COM BIO TECH/BI	11	0.8	0	169,751	*	169,751
SUBTOTAL	143	39.6	0	4,146,813	*	3,999,159
SERIES 400						
402 PROD F & V IMP ACCE	3	0.5	0	89,111	*	89,111
405 PROD FLD CROP IMP A	7	2.7	0	157,510	*	153,689
406 NEW IMP FOOD FLD CR	7	2.8	0	162,315	*	162,315
409 PROD ANML PR IMP AC	9	2.7	0	229,654	*	229,654
410 IMP MEAT MILK EGG P	1	0.0	0	23,365	*	23,365
412 MKT QUAL ANIMAL PRO	3	0.7	0	43,150	*	43,150
SUBTOTAL	30	9.4	0	705,104	*	701,283
SERIES 500						
503 MKTG EFF AGRI PRODS	4	1.2	0	108,037	*	108,037
506 SPLY DEMAND AND PRI	1	0.0	0	807	*	807
509 PERFORMANCE MKTG SY	1	0.1	0	4,354	*	4,354
510 GROUP ACT MKT POWER	3	0.9	0	130,360	*	130,360
511 IMP AGRIC STATISTIC	1	0.2	0	15,674	*	15,674
SUBTOTAL	10	2.3	0	259,232	*	259,232
SERIES 700						
701 TOX RES IN FOOD	4	0.7	0	80,050	*	80,050
702 FOOD PROT FROM TOX	3	0.8	0	88,295	*	84,474
703 FOOD CONSUMP HABITS	44	13.5	0	731,154	*	731,154
704 HOME COMM FOOD SERV	3	0.2	0	6,191	*	6,191
705 SEL CARE CLOTH & TE	3	1.7	0	104,873	*	104,873
707 TRANS ANIML MAN DI	1	0.3	0	26,896	*	26,896
708 HUMAN NUTRITION	66	21.1	0	1,621,286	*	1,560,154
709 REDUCE HAZ HLTH & S	4	0.7	0	49,035	*	49,035
SUBTOTAL	128	38.9	0	2,707,781	*	2,642,828
SERIES 800						
801 RURAL HOUSING	4	1.0	0	106,005	*	106,005
802 INDIV & FAM DEC MAK	20	2.7	0	424,951	*	380,334
803 RURAL POVERTY	12	1.6	0	282,628	*	282,628
804 ECON POTENT RURL PE	22	4.6	0	409,609	*	409,609
805 COMMUNICAT RURAL PE	16	2.6	0	391,274	*	305,134
806 ADJUSTMENT TO CHANG	18	4.8	0	451,817	*	437,076
807 AGRIC ECONOMIC CHAN	7	1.4	0	191,163	*	160,597
SUBTOTAL	99	18.6	0	2,257,448	*	2,081,383
SERIES 900						
901 ALLEV POLLUTION	30	13.8	0	980,495	*	961,575
902 OUTDOOR RECREATION	3	0.5	0	58,762	*	58,762
904 WLDLFE AND FISH ECO	19	5.7	0	486,166	*	425,034
905 TREES BEAUTIFICATIO	1	0.0	0	42,205	*	42,205
906 ORNAMENT & TURF DEV	1	0.5	0	15,480	*	15,480
907 RURAL INCOME IMP	13	3.1	0	285,240	*	285,240
908 RURAL INSTITUT IMP	9	0.7	0	128,047	*	128,047
SUBTOTAL	76	24.3	0	1,996,396	*	1,916,343
SCIENCE IN SERV OF MAN GRAND TOTAL	575	153.3	0	13,740,906	*	13,083,361

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ALA TUSKEGEE TUSKEGEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1	0.0	0	479	*	479
0900 CITRUS SUB TROP FRUT	2	0.0	0	1,991	*	1,991
1000 FRUIT NUTS DECIDUOUS	3	0.4	0	68,243	*	68,243
1200 VEGETABLES	14	1.7	0	170,803	*	170,803
1400 CORN	1	0.0	0	675	*	675
2800 MISC NEW CROPS	1	0.2	0	8,075	*	8,075
2900 POULTRY	8	1.1	0	140,600	*	140,600
3000 BEEF CATTLE	7	0.5	0	19,055	*	19,055
3100 DAIRY CATTLE	5	0.2	0	15,103	*	15,103
3200 SWINE	7	0.9	0	124,563	*	124,563
3400 OTHER ANIMALS	5	1.1	0	63,146	*	63,146
3800 FOOD	5	0.7	0	42,941	*	42,941
4000 PEOPLE AS INDIVIDUAL	7	1.1	0	79,733	*	79,733
4100 FAMILY MEMBERS	4	0.0	0	19,453	*	19,453
4300 SOC POLIT ORGANIZ	2	0.1	0	14,332	*	14,332
6100 WEEDS	3	0.0	0	11,055	*	11,055
6700 PLANTS	1	0.0	0	853	*	853
TOTAL	76	7.8	0	781,099	*	781,099

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ALA A&M NORMAL OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0600 TIMBER FORST PRODUCT	2	0.9	0	35,916	*	35,916
1800 OTHER SMALL GRAINS	11	5.0	0	526,768	*	526,768
2000 FORAGE CROPS	1	0.2	0	10,146	*	10,146
2900 POULTRY	2	0.3	0	22,429	*	22,429
3000 BEEF CATTLE	3	0.7	0	44,262	*	44,262
3100 DAIRY CATTLE	2	0.1	0	7,009	*	7,009
3400 OTHER ANIMALS	2	1.0	0	65,343	*	65,343
4000 PEOPLE AS INDIVIDUAL	2	0.2	0	21,021	*	21,021
4300 SOC POLIT ORGANIZ	2	0.2	0	31,532	*	31,532
6600 MICROORGANISMS,VIRUS	2	0.2	0	18,648	*	18,648
TOTAL	29	8.8	0	783,073	*	783,073

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ARK A & M PINE BLUFF OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	2	0.0	0	25,224	*	25,224
0800 WILDLIFE AND FISH	5	1.9	0	182,521	*	182,521
1200 VEGETABLES	1	0.5	0	46,307	*	46,307
1700 WHEAT	2	0.5	0	31,210	*	31,210
2100 COTTON	1	0.9	0	37,669	*	37,669
2300 SOYBEANS	8	0.8	0	107,849	*	107,849
2900 POULTRY	2	1.1	0	57,472	*	57,472
3900 HOUSING & EQUIP	1	0.1	0	922	*	922
4000 PEOPLE AS INDIVIDUAL	7	4.1	0	295,796	*	295,796
4100 FAMILY MEMBERS	1	0.0	0	9,241	*	9,241
4300 SOC POLIT ORGANIZ	1	0.5	0	20,976	*	20,976
4600 FARM COOPERATIVES	1	0.0	0	9,866	*	9,866
TOTAL	32	10.3	0	825,051	*	825,051

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - COLORADO BOULDER OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
2300 SOYBEANS	1	1.0	0	175,649	*	28,334
TOTAL	1	1.0	0	175,649	*	28,334

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - DEL STATE COL DOVER OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0400 AIR AND CLIMATE	1	0.1	0	40,869	*	40,869
0800 WILDLIFE AND FISH	3	2.0	0	138,111	*	138,111
2000 FORAGE CROPS	1	0.1	0	55,394	*	55,394
3100 DAIRY CATTLE	1	0.1	0	55,394	*	55,394
3800 FOOD	1	0.7	0	5,087	*	5,087
4000 PEOPLE AS INDIVIDUAL	5	2.0	0	195,991	*	195,991
6700 PLANTS	1	0.1	0	34,991	*	34,991
TOTAL	13	5.0	0	525,836	*	525,836

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FLORIDA A&M TALLAHASSEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	4	1.3	0	44,194	*	44,194
0200 WATER	4	5.5	0	254,621	*	254,621
0600 TIMBER FORST PRODUCT	1	0.1	0	4,887	*	4,887
0800 WILDLIFE AND FISH	3	0.9	0	24,484	*	24,484
2400 PEANUTS	3	4.0	0	117,666	*	117,666
3000 BEEF CATTLE	2	1.6	0	56,277	*	56,277
3800 FOOD	3	2.8	0	43,546	*	43,546
4000 PEOPLE AS INDIVIDUAL	8	3.8	0	139,196	*	139,196
4100 FAMILY MEMBERS	1	0.0	0	1,208	*	1,208
TOTAL	29	20.0	0	686,078	*	686,078

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - FT. VALLEY COL FORT VALLEY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1	0.0	0	1,348	*	1,348
1000 FRUIT NUTS DECIDUOUS	3	2.0	0	100,195	*	100,195
1200 VEGETABLES	3	0.9	0	73,863	*	73,590
1400 CORN	1	0.0	0	899	*	899
2300 SOYBEANS	3	1.0	0	91,935	*	91,837
2900 POULTRY	2	0.1	0	4,747	*	4,747
3000 BEEF CATTLE	3	0.6	0	40,369	*	39,788
3200 SWINE	2	0.7	0	29,919	*	29,919
3300 SHEEP AND WOOL	2	0.2	0	12,276	*	12,276
3400 OTHER ANIMALS	2	0.4	0	55,966	*	55,943
3600 FARM SUPP & FACILITS	4	3.9	0	320,600	*	320,600
3800 FOOD	2	0.3	0	83,510	*	83,510
4000 PEOPLE AS INDIVIDUAL	2	0.0	0	15,051	*	15,051
4100 FAMILY MEMBERS	3	0.7	0	165,681	*	165,681
4200 FARM AS BUSINESS	2	0.0	0	12,741	*	12,741
6100 WEEDS	1	0.5	0	19,653	*	19,653
6700 PLANTS	2	0.6	0	26,947	*	26,947
TOTAL	38	11.8	0	1,055,699	*	1,054,724

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - KY STATE COLL FRANKFORT OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
1400 CORN	1	0.0	0	2,425	*	2,425
1600 RICE	1	0.0	0	2,425	*	2,425
3100 DAIRY CATTLE	1	0.4	0	18,050	*	18,050
3800 FOOD	18	3.9	0	236,383	*	236,383
4000 PEOPLE AS INDIVIDUAL	18	6.0	0	342,005	*	342,005
4100 FAMILY MEMBERS	5	1.6	0	136,074	*	136,074
4300 SOC POLIT ORGANIZ	3	1.5	0	93,637	*	93,637
6500 INVERTEBRATES	1	0.0	0	7,274	*	7,274
TOTAL	48	13.4	0	838,273	*	838,273

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - SOUTHERN UNIV BATON ROUGE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0800 WILDLIFE AND FISH	1	0.4	0	15,847	*	15,847
1200 VEGETABLES	2	0.6	0	38,069	*	38,069
2300 SOYBEANS	3	2.1	0	123,652	*	123,652
2400 PEANUTS	1	0.0	0	2,072	*	2,072
2900 POULTRY	1	0.4	0	62,849	*	62,849
3000 BEEF CATTLE	2	0.7	0	149,044	*	149,044
3100 DAIRY CATTLE	1	0.3	0	95,844	*	95,844
3400 OTHER ANIMALS	1	0.3	0	18,580	*	18,580
3800 FOOD	2	0.2	0	3,462	*	3,462
4000 PEOPLE AS INDIVIDUAL	3	0.5	0	31,847	*	31,847
4200 FARM AS BUSINESS	2	1.3	0	63,763	*	63,763
4300 SOC POLIT ORGANIZ	1	0.4	0	37,058	*	37,058
4800 MARKETING SYSTEMS	1	0.8	0	73,802	*	73,802
6800 ANIMALS(VERTEBRATES)	1	0.1	0	8,385	*	8,385
TOTAL	22	8.0	0	724,274	*	724,274

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - MD. STATE COL PRINCESS ANN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	1	0.2	0	29,707	*	17,480
0800 WILDLIFE AND FISH	4	0.3	0	104,259	*	43,127
2000 FORAGE CROPS	1	0.3	0	44,560	*	26,221
2300 SOYBEANS	7	0.3	0	210,689	*	111,350
2900 POULTRY	1	0.3	0	26,121	*	10,838
3200 SWINE	4	0.9	0	99,317	*	38,185
4000 PEOPLE AS INDIVIDUAL	4	0.1	0	50,390	*	3,012
4100 FAMILY MEMBERS	8	0.3	0	158,433	*	68,939
4200 FARM AS BUSINESS	2	0.0	0	54,904	*	24,338
4300 SOC POLIT ORGANIZ	3	0.0	0	35,304	*	26,676
6700 PLANTS	1	0.0	0	67,620	*	59,979
TOTAL	36	2.7	0	881,304	*	430,145

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - ALCORN A&M LORMAN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA WITH SAES SYS 1978	AMOUNT 1978
0100 SOIL AND LAND	1	0.1	0	30,887	*	30,887
0800 WILDLIFE AND FISH	1	0.0	0	16,643	*	16,643
1200 VEGETABLES	1	0.3	0	13,649	*	13,649
1800 OTHER SMALL GRAINS	1	0.5	0	16,848	*	16,848
1900 PASTURE	1	0.3	0	15,193	*	15,193
3000 BEEF CATTLE	1	0.7	0	35,449	*	35,449
3200 SWINE	2	0.4	0	89,009	*	89,009
3700 CLOTHING & TEXTILES	1	0.3	0	13,211	*	13,211
3800 FOOD	1	0.2	0	28,483	*	28,483
3900 HOUSING & EQUIP	1	0.6	0	31,587	*	31,587
4000 PEOPLE AS INDIVIDUAL	4	1.3	0	104,838	*	104,838
4300 SOC POLIT ORGANIZ	1	0.3	0	21,555	*	21,555
6100 WEEDS	1	0.3	0	13,649	*	13,649
6500 INVERTEBRATES	1	0.0	0	33,286	*	33,286
6800 ANIMALS(VERTEBRATES)	1	0.0	0	33,286	*	33,286
TOTAL	19	5.2	0	497,570	*	497,570

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - LINCOLN UNIV JEFFERSON CITY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
2300 SOYBEANS	1	1.0	0	85,567	*	85,567
3000 BEEF CATTLE	3	0.4	0	18,589	*	18,589
3100 DAIRY CATTLE	2	0.4	0	23,040	*	23,040
3200 SWINE	4	0.9	0	53,973	*	53,973
3300 SHEEP AND WOOL	4	0.4	0	36,167	*	36,167
3400 OTHER ANIMALS	1	0.0	0	2,853	*	2,853
3800 FOOD	5	1.0	0	77,886	*	77,886
4000 PEOPLE AS INDIVIDUAL	13	3.0	0	229,970	*	229,970
4100 FAMILY MEMBERS	5	1.0	0	120,404	*	120,404
6800 ANIMALS(VERTEBRATES)	1	0.5	0	5,430	*	5,430
TOTAL	39	8.5	0	653,879	*	653,879

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - AG TECH NC. GREENSBORO OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	7	1.6	0	179,519	*	179,519
0200 WATER	3	1.7	0	71,089	*	71,089
0500 RECREATION RESOURCES	3	0.5	0	58,762	*	58,762
0800 WILDLIFE AND FISH	2	0.6	0	6,780	*	6,780
2600 TOBACCO	1	0.2	0	12,627	*	12,627
3000 BEEF CATTLE	2	1.6	0	152,115	*	152,115
3100 DAIRY CATTLE	1	0.5	0	94,358	*	94,358
3200 SWINE	1	0.4	0	42,223	*	42,223
3300 SHEEP AND WOOL	1	0.2	0	10,406	*	10,406
3400 OTHER ANIMALS	1	0.4	0	55,847	*	55,847
3700 CLOTHING & TEXTILES	1	0.9	0	78,554	*	78,554
3800 FOOD	1	0.1	0	10,302	*	10,302
3900 HOUSING & EQUIP	1	0.1	0	51,278	*	51,278
4000 PEOPLE AS INDIVIDUAL	2	0.7	0	106,949	*	106,949
4600 FARM COOPERATIVES	1	0.5	0	72,593	*	72,593
6400 EXP DESIGN/STAT METH	1	0.2	0	15,674	*	15,674
6700 PLANTS	1	0.1	0	26,695	*	26,695
TOTAL	30	10.2	0	1,045,771	*	1,045,771

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - LANGSTON UNIV LANGSTON OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	4	2.3	0	64,257	*	64,257
0200 WATER	2	0.8	0	46,618	*	46,618
0300 WATERSHEDS RIVER BAS	1	0.2	0	57,651	*	57,651
2100 COTTON	4	4.0	0	160,610	*	160,610
2400 PEANUTS	1	2.0	0	43,104	*	43,104
3700 CLOTHING & TEXTILES	1	0.5	0	13,108	*	13,108
4000 PEOPLE AS INDIVIDUAL	1	0.5	0	135,334	*	135,334
TOTAL	14	10.3	0	520,682	*	520,682

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - SC STATE COLL ORANGEBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1	0.0	0	581	*	581
0200 WATER	2	0.5	0	38,031	*	38,031
0800 WILDLIFE AND FISH	2	0.3	0	23,117	*	23,117
1200 VEGETABLES	2	0.3	0	50,033	*	50,033
1400 CORN	1	0.0	0	77	*	77
2300 SOYBEANS	3	1.2	0	313,987	*	313,987
3800 FOOD	3	1.2	0	188,117	*	188,117
4000 PEOPLE AS INDIVIDUAL	6	3.2	0	121,121	*	121,121
4100 FAMILY MEMBERS	3	0.6	0	58,376	*	58,376
6700 PLANTS	1	0.4	0	35,577	*	35,577
TOTAL	24	7.6	0	829,016	*	829,016

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - TENN A&M IND NASHVILLE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1	0.0	0	9,825	*	9,825
0200 WATER	2	0.0	0	9,847	*	9,847
1300 ORNAMENTALS TURF	2	0.5	0	57,685	*	57,685
1400 CORN	1	0.4	0	57,696	*	57,696
1800 OTHER SMALL GRAINS	1	0.0	0	28,978	*	28,978
2000 FORAGE CROPS	2	0.0	0	3,434	*	3,434
2300 SOYBEANS	1	0.0	0	28,875	*	28,875
2900 POULTRY	2	0.0	0	57,718	*	57,718
3000 BEEF CATTLE	3	0.0	0	73,742	*	73,742
3200 SWINE	2	0.0	0	6,868	*	6,868
3400 OTHER ANIMALS	1	0.3	0	60,281	*	60,281
3800 FOOD	1	0.0	0	14,756	*	14,756
3900 HOUSING & EQUIP	1	0.1	0	4,354	*	4,354
4000 PEOPLE AS INDIVIDUAL	10	0.5	0	219,078	*	219,078
4100 FAMILY MEMBERS	11	0.4	0	158,448	*	158,448
4200 FARM AS BUSINESS	2	0.2	0	46,921	*	46,921
4300 SOC POLIT ORGANIZ	5	0.0	0	69,084	*	69,084
4400 AGRIC ECONOMY U S	2	0.4	0	48,427	*	48,427
4800 MARKETING SYSTEMS	1	0.2	0	8,708	*	8,708
6300 BIO CELL SYSTEMS	1	0.2	0	39,867	*	39,867
6400 EXP DESIGN/STAT METH	1	0.0	0	6,398	*	6,398
TOTAL	53	3.1	0	1,010,990	*	1,010,990

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - PRAIRIE VW A&M PRAIRIE VIEW OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	3	0.6	0	87,243	*	80,399
1000 FRUIT NUTS DECIDUOUS	1	0.0	0	2,624	*	2,624
1200 VEGETABLES	2	1.0	0	95,550	*	92,129
1700 WHEAT	1	0.1	0	10,199	*	6,778
1800 OTHER SMALL GRAINS	1	0.6	0	56,179	*	56,179
2000 FORAGE CROPS	2	0.2	0	13,166	*	13,166
2400 PEANUTS	1	0.1	0	10,199	*	6,778
2500 OTHER OILSEED CROPS	1	0.1	0	10,199	*	6,778
2900 POULTRY	2	0.3	0	52,978	*	44,765
3000 BEEF CATTLE	1	0.7	0	85,498	*	85,498
3100 DAIRY CATTLE	1	0.0	0	107,405	*	107,405
3200 SWINE	1	0.6	0	56,179	*	56,179
3400 OTHER ANIMALS	1	0.1	0	16,319	*	10,844
3600 FARM SUPP & FACILITS	2	0.2	0	9,303	*	9,303
3800 FOOD	1	0.7	0	156,030	*	156,030
3900 HOUSING & EQUIP	1	0.6	0	59,690	*	59,690
4000 PEOPLE AS INDIVIDUAL	7	1.4	0	231,109	*	231,109
4100 FAMILY MEMBERS	1	0.0	0	3,610	*	3,610
4200 FARM AS BUSINESS	1	0.1	0	7,376	*	7,376
4300 SOC POLIT ORGANIZ	3	0.0	0	33,957	*	33,957
4600 FARM COOPERATIVES	1	0.4	0	47,901	*	47,901
TOTAL	35	7.6	0	1,152,714	*	1,118,496

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - VA STATE COLL PETERSBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0100 SOIL AND LAND	1	0.3	0	42,404	*	42,404
1200 VEGETABLES	5	4.2	0	210,458	*	210,458
1500 GRAIN SORGHUM	1	0.8	0	14,273	*	14,273
1700 WHEAT	1	0.8	0	14,273	*	14,273
2300 SOYBEANS	3	1.6	0	89,238	*	89,238
2400 PEANUTS	1	0.5	0	19,658	*	19,658
2900 POULTRY	1	1.0	0	66,595	*	66,595
3000 BEEF CATTLE	1	0.3	0	25,499	*	25,499
3200 SWINE	2	0.3	0	26,497	*	26,497
3800 FOOD	2	0.8	0	72,231	*	72,231
3900 HOUSING & EQUIP	1	0.0	0	24,286	*	24,286
4000 PEOPLE AS INDIVIDUAL	3	1.3	0	82,257	*	82,257
6700 PLANTS	1	0.3	0	42,404	*	42,404
TOTAL	23	11.8	0	730,070	*	730,070

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY COMMODITY - UTAH PROVO OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GT/CA SYS 1978	WITH SAES AMOUNT 1978
0600 TIMBER FORST PRODUCT	1	0.2	0	23,878	*	0
TOTAL	1	0.2	0	23,878	*	0

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY AGENCY -NATIONAL TOTAL USDA RESEARCH AGENCIES

	NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA COM/GT/CA SYS 1978	WITH SAES AMOUNT 1978
AGRICULTURAL RESEARCH	2619	3120.6	310,504,566	323,146,631	110.6	7,446,077
COOPERATIVE RESEARCH	220	0.0	23,707,011	23,707,011	0.0	23,707,011
COMPETITIVE RESEARCH GRAN	198	0.0	16,324,014	16,324,014	0.0	0
ECONOMICS STATISTICS COOP	308	474.5	32,211,787	33,702,731	0.0	401,800
U S FOREST SERVICE	240	970.0	101,256,900	110,796,100	0.0	0
TOTAL	3585	4565.1	484,004,278	507,676,487	110.6	31,554,888

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY STATION -SAES REGION 1 NORTHEAST REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

		NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GI/CA SYS 1978	WITH SAES AMOUNT 1978
CONNECTICUT	NEW HAVEN	53	39.9	507,790	1,967,447	*	0
CONNECTICUT	STORRS	62	33.2	738,140	2,984,946	*	97,358
DIST OF COLUM	WASHINGTON	3	0.8	122,000	122,000	*	0
DELAWARE	NEWARK	61	22.4	862,758	2,194,657	*	4,095
MASSACHUSETTS	AMHERST	101	46.4	1,490,794	3,483,002	*	99,899
MARYLAND	COLLEGE PA	184	79.7	1,747,463	5,808,171	*	38,659
MAINE	ORONO	125	61.7	1,410,866	4,457,215	*	114,602
NEW HAMPSHIRE	DURHAM	66	26.8	1,050,224	2,062,767	*	18,170
NEW JERSEY	NEW BRUNSW	287	102.0	1,693,489	9,269,287	*	388,218
NEW YORK	ITHACA	612	268.6	2,903,874	24,698,513	*	502,555
NEW YORK	GENEVA	189	74.9	535,447	4,652,627	*	306,467
PENNSYLVANIA	COLLEGE PA	292	137.4	3,848,513	11,432,415	*	530,572
RHODE ISLAND	KINGSTON	69	38.5	836,365	2,212,941	*	8,454
VERMONT	BURLINGTON	80	27.4	904,671	1,936,126	*	75,984
WEST VIRGINIA	MORGANTOWN	96	39.6	1,887,288	3,757,372	*	46,757
SUBTOTAL - SAES		2240	999.3	20,539,682	81,039,486	*	2,231,790
DEL STATE COL	DOVER	12	5.0	0	525,836	*	525,836
MD. STATE COL	PRINCESS A	27	2.7	0	881,304	*	430,145
SUBTOTAL - OCI		39	7.7	0	1,407,140	*	955,981
FORESTRY SCH	SYRACUSE	56	33.7	136,846	1,696,017	*	115,710
FORESTRY SCH	BURLINGTON	10	4.3	171,327	409,339	*	11,991
SUBTOTAL - FRSTY SCH		66	38.0	308,173	2,105,356	*	127,701
TOTAL		2345	1044.9	20,839,258	84,525,360	*	3,305,788

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY STATION -SAES REGION 2 SOUTHERN REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

		NO OF PROJ	SCIENTIST YEARS 1978	REG FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA CON/GI/CA SYS 1978	WITH SAES AMOUNT 1978
ALABAMA	AUBURN	234	141.9	2,866,476	13,324,794	*	364,531
ARKANSAS	FAYETTEVIL	287	102.2	2,521,922	12,375,479	*	336,410
FLORIDA	GAINESVILL	621	375.9	1,989,100	31,819,622	*	1,252,947
GEORGIA	ATHENS	356	179.6	3,308,875	18,019,304	*	362,978
KENTUCKY	LEXINGTON	194	109.3	3,163,991	8,886,033	*	99,936
LOUISANA	BATON ROUG	466	204.7	2,214,806	17,431,369	*	258,221
MISSISSIPPI	STATE COLL	233	147.3	2,938,416	14,385,208	*	623,941
NORTH CAROLINA	RALEIGH	515	199.6	4,342,737	26,533,740	*	539,328
OKLAHOMA	STILLWATER	247	85.0	2,046,120	10,204,874	*	180,212
PUERTO RICO	RIO PIEDRA	104	112.4	2,780,672	8,694,658	*	33,942
SOUTH CAROLINA	CLEMSON	267	91.2	2,189,071	9,584,057	*	157,402
TENNESSEE	KNOXVILLE	222	120.4	3,205,204	11,945,285	*	24,474
TEXAS	COLLEGE ST	536	256.5	3,952,345	27,667,450	*	1,374,077
VIRGINIA	BLACKSBURG	252	160.8	2,856,395	13,815,410	*	554,365
VIRGIN ISLANDS	ST. THOMAS	9	4.4	204,263	244,863	*	0
SUBTOTAL - SAES		4543	2291.2	40,580,393	224,932,146	*	6,162,764
ALA TUSKEGEE	TUSKEGEE	57	7.8	0	781,099	*	781,099
ALA A&M	NORMAL	19	8.8	0	783,073	*	783,073
ARK A & M	PINE BLUFF	26	10.3	0	825,051	*	825,051
FLORIDA A&M	TALLAHASSE	19	20.0	0	686,078	*	686,078
FT. VALLEY COL	FORT VALLE	33	11.8	0	1,055,699	*	1,054,724
KY STATE COLL	FRANKFORT	31	13.4	0	838,273	*	838,273
SOUTHERN UNIV	BATON ROUG	20	8.0	0	724,274	*	724,274
ALCORN A&M	LORMAN	13	5.2	0	497,570	*	497,570
AG TECH NC.	GREENSBORO	29	10.2	0	1,045,771	*	1,045,771
LANGSTON UNIV	LANGSTON	12	10.3	0	520,682	*	520,682
SC STATE COLL	ORANGEBURG	17	7.6	0	829,016	*	829,016
TENN A&M IND	NASHVILLE	33	3.1	0	1,010,990	*	1,010,990
PRAIRIE VW A&M	PRAIRIE VI	19	7.6	0	1,152,714	*	1,118,496
VA STATE COLL	PETERSBURG	15	11.8	0	730,070	*	730,070
SUBTOTAL - OCI		343	135.9	0	11,480,360	*	11,445,167
FORESTRY SCH	RUSTON	6	2.8	85,797	196,766	*	0
FORESTRY SCH	CLEMSON	45	9.8	238,294	828,588	*	39,363
FORESTRY SCH	NACOGDOCHE	23	6.4	138,242	574,695	*	47,221
SUBTOTAL - FRSTY SCH		74	19.0	462,333	1,600,049	*	86,584
TOTAL		4960	2446.5	41,044,131	237,966,931	*	17,646,270

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY STATION -SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

		NO OF PROJ	SCIENTIST YEARS 1978	FED FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA COM/GT/CA WITH SAES SYS 1978	AMOUNT 1978
ALASKA	FAIRBANKS	30	9.4	770,659	2,646,434	*	8,791
ILLINOIS	URBANA	300	153.4	3,339,715	12,700,688	*	213,268
INDIANA	LAFAYETTE	339	188.0	3,051,201	17,121,653	*	432,469
IOWA	AMES	344	121.7	3,422,220	16,620,899	*	1,189,804
KANSAS	MANHATTAN	564	177.0	2,133,295	15,247,777	*	484,644
MICHIGAN	LANSING	461	169.4	3,068,279	17,871,755	*	751,326
MINNESOTA	ST PAUL	316	169.7	3,143,176	22,022,837	*	618,609
MISSOURI	COLUMBIA	195	129.8	2,995,062	12,271,773	*	995,316
NORTH DAKOTA	FARGO	250	117.8	1,496,357	9,491,649	*	198,510
NEBRASKA	LINCOLN	249	142.4	2,040,041	18,979,042	*	556,012
OHIO	WOOSTER	328	122.6	3,674,715	18,112,715	*	335,270
SOUTH DAKOTA	BROOKINGS	171	89.1	1,534,893	5,905,433	*	104,715
WISCONSIN	MADISON	496	156.5	3,204,769	19,169,575	*	588,011
SUBTOTAL - SAES		4043	1746.8	33,874,382	188,162,230	*	6,476,745
LINCOLN UNIV	JEFFERSON	27	8.5	0	653,879	*	653,879
SUBTOTAL - OCI		27	8.5	0	653,879	*	653,879
FORESTRY SCH	CARBONDALE	31	5.0	100,980	520,931	*	36,838
FORESTRY SCH	ANN ARBOR	47	6.1	115,426	379,449	*	9,911
FORESTRY SCH	HOUGHTON	28	12.2	78,486	1,181,652	*	0
SUBTOTAL - FRSTY SCH		106	23.3	294,892	2,082,032	*	46,749
TOTAL		4176	1778.3	34,176,466	190,970,387	*	7,235,302

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1978 BY STATION -SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

		NO OF PROJ	SCIENTIST YEARS 1978	FED FED APPR/ CR ADMSTRD (GROSS) 1978	TOTAL FUNDS (GROSS) 1978	USDA COM/GT/CA WITH SAES SYS 1978	AMOUNT 1978
ARIZONA	TUCSON	234	113.8	1,254,139	10,795,878	*	1,042,877
CALIFORNIA	BERKELEY	1116	535.6	3,403,362	60,873,910	*	1,669,471
COLORADO	FT COLLINS	173	155.3	1,539,826	14,724,592	*	975,252
GUAM	AGANA	12	8.0	529,562	902,820	*	3,228
HAWAII	HONOLULU	210	95.3	913,777	7,180,513	*	590,984
IDAHO	MOSCOW	128	76.1	1,257,675	7,121,848	*	310,530
MONTANA	BOZEMAN	168	79.8	1,258,373	7,524,436	*	87,679
NEVADA	RENO	94	38.5	809,179	3,139,253	*	141,227
NEW MEXICO	UNIV PARK	133	53.2	1,146,301	3,678,379	*	6,693
OREGON	CORVALLIS	323	143.4	1,688,363	14,858,969	*	206,517
UTAH	LOGAN	159	66.4	1,199,623	5,893,792	*	189,121
WASHINGTON	PULLMAN	319	128.1	2,240,013	15,085,190	*	428,234
WYOMING	LARAMIE	82	43.2	1,044,577	2,984,549	*	80,140
SUBTOTAL - SAES		3151	1536.7	18,284,770	154,764,129	*	5,731,953
COLORADO	BOULDER	1	1.0	0	175,649	*	28,334
UTAH	PROVO	1	0.2	0	23,878	*	0
SUBTOTAL - OCI		2	1.2	0	199,527	*	28,334
FORESTRY SCH	FLAGSTAFF	11	4.7	66,928	179,765	*	38,679
FORESTRY SCH	ARCATA	13	1.2	45,488	112,069	*	0
FORESTRY SCH	FT COLLINS	14	2.4	169,035	287,567	*	0
FORESTRY SCH	MOSCOW	83	29.6	211,797	2,624,767	*	347,450
FORESTRY SCH	MISSOULA	23	11.8	193,114	1,534,706	*	274,265
FORESTRY SCH	CORVALLIS	112	46.3	334,681	3,465,422	*	428,792
FORESTRY SCH	SEATTLE	26	32.5	183,513	4,317,649	*	394,124
SUBTOTAL - FRSTY SCH		282	128.5	1,204,556	12,521,945	*	1,483,310
TOTAL		3435	1666.4	19,489,326	167,485,601	*	7,243,597

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H.SUPPORT YEARS SYS	PROF	TECH	OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	245	161.3	7.3	7.2	279.3	16454	1401	43	0	0	62	119	18078	1446	42	19567
0200 WATER	239	144.4	6.9	9.4	265.0	13323	652	180	0	0	55	70	14280	1285	150	15716
0300 WATERSHEDS RIVER BAS	117	169.8	7.2	62.9	218.2	16355	130	12	0	0	1052	24	17573	3476	25	21074
0400 AIR AND CLIMATE	23	17.8	0.0	3.0	17.9	1259	15	0	0	0	17	52	1342	150	0	1492
0500 RECREATION RESOURCES	20	30.6	7.8	10.1	9.9	3888	0	0	0	0	1638	0	5526	690	0	6216
0600 TIMBER FORST PRODUCT	244	737.4	128.1	468.7	278.2	69728	1295	188	0	0	5879	0	77089	4875	111	82075
0700 RANGE	102	80.5	8.0	13.6	110.0	8788	1758	0	0	0	361	0	10907	1027	1	11935
0800 WILDLIFE AND FISH	48	66.4	5.9	34.1	22.5	5519	351	0	0	0	692	0	6562	785	0	7347
0900 CITRUS SUB TROP FRUT	103	92.3	0.8	0.0	207.4	9075	58	109	0	0	0	0	9241	353	61	9655
1000 FRUIT NUTS DECIDUOUS	193	139.4	0.5	1.7	259.0	12217	662	541	0	0	0	0	13421	264	46	13731
1100 POTATOES	64	48.3	0.0	0.0	70.4	3831	99	192	0	0	0	0	4122	64	15	4201
1200 VEGETABLES	264	144.0	1.2	0.0	284.7	12002	1784	716	0	0	0	0	14501	111	101	14713
1300 ORNAMENTALS TURF	57	47.3	0.0	0.1	113.6	4176	51	482	0	0	0	0	4709	35	21	4765
1400 CORN	215	122.6	0.2	0.0	189.5	10059	641	548	0	0	0	0	11249	178	8	11434
1500 GRAIN SORGHUM	105	26.3	0.1	0.0	34.1	1983	19	6	0	0	0	0	2008	75	6	2089
1600 RICE	68	26.2	0.0	0.0	40.3	2112	73	62	0	0	0	0	2248	70	14	2332
1700 WHEAT	184	119.0	0.4	0.0	179.1	9584	631	266	0	0	0	0	10481	227	2	10709
1800 OTHER SMALL GRAINS	109	33.7	0.0	0.0	54.2	2809	418	60	0	0	0	0	3288	69	0	3356
1900 PASTURE	32	10.7	0.0	0.0	15.6	1048	47	0	0	0	0	0	1096	18	1	1115
2000 FORAGE CROPS	183	102.8	0.1	0.2	153.2	8919	848	1011	0	0	0	0	10778	243	2	11024
2100 COTTON	241	259.2	7.2	7.1	554.3	23242	258	391	0	0	0	0	23891	149	42	24082
2200 COTTONSEED	44	30.9	0.0	0.0	54.6	2376	28	31	0	0	0	0	2435	5	13	2453
2300 SOYBEANS	196	130.6	0.8	0.0	200.8	10999	1368	216	0	0	0	0	12583	44	22	12650
2400 PEANUTS	82	42.7	0.7	0.0	63.1	3274	376	25	0	0	0	0	3675	93	0	3769
2500 OTHER OILSEED CROPS	41	19.8	0.0	0.1	32.5	1727	48	63	0	0	0	0	1838	8	2	1847
2600 TOBACCO	56	57.5	0.1	0.0	111.1	4346	1238	133	0	0	0	0	5718	138	2	5858
2700 SUGAR CROPS	71	56.3	1.0	0.0	155.5	5841	57	155	0	0	0	0	6053	39	61	6154
2800 MISC NEW CROPS	45	36.4	0.2	0.0	65.5	2592	134	146	0	0	0	0	2872	433	3	3309
2900 POULTRY	148	102.5	0.0	1.9	309.7	11574	897	0	0	0	0	0	12471	308	4	12783
3000 BEEF CATTLE	273	242.5	0.8	7.6	536.8	27431	1911	92	0	0	0	0	29435	383	0	29818
3100 DAIRY CATTLE	202	112.2	1.5	6.4	334.3	14661	1169	192	0	0	0	0	16022	315	1	16338
3200 SWINE	161	87.5	6.3	1.9	263.9	11128	1615	2	0	0	0	0	12744	509	0	13253
3300 SHEEP AND WOOL	111	65.3	0.8	1.9	145.7	8334	141	67	0	0	0	0	8542	23	0	8565
3400 OTHER ANIMALS	50	15.6	0.1	0.0	58.9	2167	522	45	0	0	0	0	2734	2	0	2736
3500 BEES AND HONEY	28	36.7	0.0	0.0	53.5	2368	39	211	0	0	0	0	2618	0	0	2618
3600 FARM SUPP & FACILITS	22	30.5	0.0	0.0	12.6	2708	283	0	0	0	0	0	2991	36	0	3027
3700 CLOTHING & TEXTILES	7	5.8	0.0	0.0	4.0	239	12	27	0	0	0	0	278	0	0	278
3800 FOOD	124	174.0	0.0	0.0	168.0	12965	1202	6887	0	0	0	0	21054	1021	3	22078
3900 HOUSING & EQUIP	70	35.0	1.2	15.7	39.4	2570	260	5	0	0	148	15	2997	1672	0	4669
4000 PEOPLE AS INDIVIDUAL	109	82.6	9.8	0.0	138.3	7681	2731	335	0	0	0	0	10747	257	1	11005
4100 FAMILY MEMBERS	29	17.7	0.5	0.0	15.7	1395	832	33	0	0	0	0	2260	290	0	2551
4200 FARM AS BUSINESS	11	18.6	0.0	0.0	4.3	1146	235	0	0	0	0	0	1380	0	0	1380
4300 SOC POLIT ORGANIZ	39	27.4	2.5	0.0	9.0	1492	534	103	0	0	0	0	2128	439	0	2568
4400 AGRIC ECONOMY U S	22	35.2	0.0	0.0	26.7	2424	208	16	0	0	0	0	2648	5	15	2668
4500 AGRIC ECONOMY FORGN	24	67.5	0.0	0.0	0.0	4164	0	0	0	0	0	0	4164	90	0	4254
4600 FARM COOPERATIVES	37	20.4	0.0	0.0	0.0	1191	0	0	0	0	0	173	1364	0	0	1364
4700 OTH MARKET PROCESS	5	2.5	0.0	0.0	1.1	101	0	0	0	0	0	0	101	28	0	128
4800 MARKETING SYSTEMS	9	26.5	0.0	0.0	10.6	1642	70	0	0	0	0	0	1712	20	0	1732
6100 WEEDS	39	16.3	0.0	0.0	30.6	1501	67	80	0	0	0	0	1648	17	2	1667
6200 SEED RESEARCH	10	8.1	0.0	0.0	19.2	753	0	0	0	0	0	0	753	0	0	753
6300 BIO CELL SYSTEMS	73	11.2	0.0	0.0	20.1	1079	156	2785	0	0	0	0	4020	0	0	4020
6400 EXP DESIGN/STAT METH	3	7.1	1.0	1.0	1.0	200	3	3	0	0	0	0	206	0	0	206
6500 INVERTEBRATES	83	111.3	0.0	0.0	201.8	10236	41	215	0	0	0	0	10492	296	9	10798
6600 MICROORGANISMS,VIRUS	75	25.2	1.4	0.0	43.1	2191	317	1606	0	0	0	0	4113	49	0	4163
6700 PLANTS	240	181.7	0.0	0.1	329.4	16092	3266	2439	0	0	0	0	21797	477	0	22275
6800 ANIMALS(VERTEBRATES)	46	31.1	0.0	0.0	52.4	3201	566	0	0	0	0	0	3767	216	0	3983
7000 RSCH EQUIP & TECHNOL	12	5.1	0.0	0.0	12.2	462	39	0	0	0	0	0	501	5	0	506
9900 UNCLASSIFIED	3	7.9	0.0	0.0	15.8	750	0	0	0	0	0	0	750	74	0	824
TOTAL	5456	4565.1	210.3	650.7	6857.7	421375	31555	20718	0	0	9902	454	484003	22883	789	507675

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SUPPORT YEARS SYS	PROF	TECH	OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100																
101 APPRAIS OF SOIL RES	3	0.0	0.0	0.0	0.0	0	57	0	0	0	0	0	57	0	0	57
102 SOIL PLNT WTR NUTRI	132	81.3	0.4	1.2	175.4	7955	682	0	0	0	17	0	8654	734	0	9388
103 MGMT OF SALINE SOIL	16	17.3	0.0	0.0	35.7	1537	108	61	0	0	0	0	1706	66	0	1773
104 ALTERN USE OF LAND	17	29.4	0.0	0.0	11.3	3422	79	0	0	0	0	122	3623	63	0	3686
105 CONSERV USE OF WATE	89	53.7	0.5	0.5	104.6	5363	52	40	0	0	3	7	5466	448	97	6010
106 DRAIN AND IRRIGATIO	46	35.0	0.0	0.0	77.4	3211	38	42	0	0	0	0	3291	205	0	3496
107 WATERSHED PROT & MG	137	192.4	11.2	67.4	273.1	18821	336	12	0	0	959	0	20127	3829	28	23985
108 ECON LNG PROB OF WA	5	9.3	0.0	3.2	3.3	908	0	0	0	0	93	30	1031	107	0	1137
109 WEATHER ADAPT & MOD	13	4.5	0.0	0.0	7.6	469	91	0	0	0	0	16	575	24	0	599
110 APPRAIS FORST & RAN	14	64.3	59.8	32.8	21.6	10051	14	0	0	0	474	0	10539	325	0	10864
111 BIOL CULT MGMT FORS	63	184.6	18.7	149.5	53.4	15474	98	0	0	0	1058	0	16630	2006	0	18636
112 IMPROV RANGE RESOR	65	39.8	4.3	5.6	72.4	4523	187	0	0	0	132	0	4843	786	0	5629
113 REMOTE SENSING	7	5.8	0.0	0.0	18.0	644	20	0	0	0	0	0	664	5	0	669
SUBTOTAL	607	717.4	94.8	260.3	853.9	72379	1761	155	0	0	2737	175	77207	8598	124	85929
SERIES 200																
201 CNTRL FORST INSECTS	68	111.2	10.4	71.5	41.0	11366	1128	60	0	0	862	0	13816	419	0	13835
202 CONTROL FOREST DIS	26	65.9	7.6	39.7	21.0	6374	0	0	0	0	401	0	6775	284	0	7059
203 FOREST FIRE PROTECT	16	68.5	6.5	29.2	16.8	6737	0	0	0	0	744	0	7481	445	0	7926
204 CNTR PESTS FRT & VE	111	66.5	0.2	0.0	186.0	7150	278	486	0	0	0	0	7914	147	50	8111
205 CNTR DISE FRT & VEG	140	64.1	0.5	0.0	141.0	6014	437	708	0	0	0	0	7159	22	19	7200
206 CNTR WEEDS FRT & VE	28	8.1	0.0	0.0	18.2	795	108	7	0	0	0	0	911	0	15	926
207 CNTR PESTS FLD CROP	226	156.9	7.4	7.1	353.8	15569	1975	284	0	0	0	0	17828	135	13	17976
208 CNTR DIS FIELD CROP	232	134.4	0.7	0.0	240.5	12065	766	1014	0	0	0	0	13845	62	21	13928
209 CNTR WEEDS FLD CROP	110	55.4	0.0	0.4	84.2	5360	282	30	0	0	0	0	5672	56	6	5733
210 CONTR PESTS ANIMALS	35	42.5	0.0	0.0	101.3	4334	306	36	0	0	0	0	4676	1	0	4678
211 CONTR DIS ANIMALS	161	152.7	1.1	19.4	664.5	25779	1171	89	0	0	0	0	27039	574	0	27613
212 CNTR INTER PARASITE	28	34.2	8.0	0.0	118.7	4367	234	21	0	0	0	0	4622	45	0	4667
213 PROT ANMLS FROM TOX	38	35.6	0.0	0.0	74.3	3301	314	52	0	0	0	0	3667	105	0	3772
214 PROTECT FROM POLLUT	22	19.6	2.5	6.9	20.6	2639	679	0	0	0	135	0	3453	466	4	3922
SUBTOTAL	1241	1015.6	44.8	174.0	2081.9	111852	7678	2786	0	0	2143	0	124458	2760	127	127345
SERIES 300																
301 GENET BREED FORST T	13	33.6	2.4	47.3	10.6	3422	0	81	0	0	56	0	3559	187	0	3746
302 IMP FOREST ENG SYS	4	13.0	1.8	8.3	3.7	1552	0	0	0	0	220	0	1772	87	0	1859
303 ECON TIMBER PRODUCT	5	13.2	0.1	0.1	4.1	690	50	0	0	0	105	0	844	25	0	869
304 IMP BIO EFF FRT & V	118	54.4	0.0	0.0	138.6	5540	1178	205	0	0	0	0	6924	167	63	7154
305 MECH PROD FRT & VEG	24	14.3	0.0	0.0	19.6	1168	0	0	0	0	0	0	1168	4	6	1178
306 PROD MGMT SYS F & V	3	0.5	0.0	0.0	1.8	42	39	0	0	0	0	0	80	8	0	88
307 IMP BIO EFF FLD CRP	345	186.9	0.1	0.4	335.6	16231	1778	1711	0	0	0	0	19721	473	52	20246
308 MECH PROD FIELD CRO	55	38.5	0.0	0.0	79.2	3715	112	0	0	0	0	0	3827	354	0	4181
309 PROD MGMT SYS FLD C	25	7.6	0.0	0.0	10.0	680	172	63	0	0	0	0	915	4	0	919
310 ANIMAL REPRODUCTION	45	39.9	0.0	0.0	83.2	6014	371	49	0	0	0	0	6435	10	0	6445
311 IMP BIO EFF ANML PR	105	63.5	0.1	0.0	212.2	9930	1364	0	0	0	0	0	11294	38	1	11333
312 ENV STRESS IN ANML	23	9.0	0.0	0.0	19.8	1125	419	0	0	0	0	0	1544	17	0	1560
313 PROD MGMT SYS ANML	13	4.8	0.0	0.0	12.4	751	174	0	0	0	0	0	925	15	0	940
314 BEES OTH POLLNTNG I	28	36.7	0.0	0.0	53.5	2368	39	211	0	0	0	0	2618	0	0	2618
315 IMP STRUC FARM SUPP	34	8.1	0.0	0.0	16.7	595	271	0	0	0	0	0	867	1079	0	1945
316 FARM BUSINESS MGMT	1	0.0	0.0	0.0	0.0	0	159	0	0	0	0	0	159	0	0	159
317 MECH/STRUCTS ANML P	19	5.0	0.4	0.4	8.4	350	113	0	0	0	0	0	463	593	0	1055
318 NON-COM BIO TECH/BI	319	228.2	1.4	0.0	430.7	20794	1741	6532	0	0	0	0	29067	446	12	29524
SUBTOTAL	1179	757.2	6.1	56.4	1440.0	74967	7980	8852	0	0	382	0	92181	3506	134	95821
SERIES 400																
401 NEW IMP FOREST PROD	25	119.9	16.5	77.2	20.2	10610	0	0	0	0	1413	0	12022	381	0	12403
402 PROD F & V IMP ACCE	45	12.2	0.3	0.0	27.9	1280	126	53	0	0	0	0	1459	2	7	1469
403 NEW & IMP F&V PROD	45	85.5	0.1	0.0	109.2	6466	15	0	0	0	0	0	6481	243	3	6727
404 MKT QUAL FRTS & VEG	93	61.5	1.5	1.7	95.1	5057	112	84	0	0	0	0	5253	125	29	5407
405 PROD FLD CROP IMP A	140	77.6	0.1	0.0	148.7	6878	675	26	0	0	0	0	7579	11	8	7598
406 NEW IMP FOOD FLD CR	65	109.2	0.9	0.0	158.0	8496	299	0	0	0	0	0	8795	60	28	8883
407 NEW IMP NON-FOOD PC	68	103.5	0.0	0.0	181.1	7817	68	32	0	0	0	0	7917	190	2	8109
408 MKT QUAL FIELD CROP	62	51.3	1.2	0.0	96.8	4314	192	10	0	0	0	0	4516	84	0	4601
409 PROD ANML PR IMP AC	16	6.4	0.0	0.0	16.3	1258	860	0	0	0	0	0	2118	5	0	2123
410 IMP MEAT MILK EGG P	22	62.4	0.0	0.0	98.9	4831	28	0	0	0	0	0	4859	126	4	4988
411 IMP NON-FOOD ANML P	17	46.2	0.0	0.0	59.4	3295	154	0	0	0	0	0	3449	48	0	3497
412 MKT QUAL ANIMAL PRO	19	9.3	0.0	0.0	19.5	855	207	40	0	0	0	0	1103	4	0	1107
SUBTOTAL	617	744.9	20.6	78.9	1031.1	61158	2737	245	0	0	1413	0	65552	1280	80	66911
SERIES 500																
501 IMP GRADES & STANDS	27	24.9	0.0	0.0	49.0	2453	0	0	0	0	0	0	2453	77	0	2530
502 MKTG TIMBER PRODUCT	11	40.3	3.0	12.1	15.3	2563	0	0	0	0	531	0	3094	58	0	3152
503 MKTG EFF AGRI PRODS	97	63.6	0.0	0.0	64.4	4385	181	40	0	0	0	0	4606	240	14	4861
506 SPLY DEMAND AND PRI	46	87.2	0.0	0.0	60.9	5334	166	39	0	0	0	1	5541	86	0	5627
507 COMP REL IN AGRIC	10	9.8	0.0	0.0	3.6	521	89	0	0	0	0	0	610	51	0	661
508 DOMESTIC MKT DEVELP	2	10.7	0.0	0.0	2.0	671	5	0	0	0	0	0	676	0	0	676
509 PERFORMANCE MKTG SY	47	63.8	0.0	0.0	28.9	4386	102	68	0	0	0	17	4572	123	9	4704
510 GROUP ACT MKT POWER	36	19.9	0.0	0.0	0.0	1183	15	0	0	0	0	156	1354	0	0	1354
511 IMP AGRIC STATISTIC	1	7.0	1.0	1.0	1.0	200	0	0	0	0	0	0	200	0	0	200
512 IMP GRADES FRST PRO	2	9.0	2.1	4.2	1.3	633	0	0	0	0	15	0	648	24	0	672
513 PRICE ANAL FRST PRO	3	9.8	0.6	3.7	1.7	493	0	0	0	0	56	0	549	0	0	549
SUBTOTAL	282	346.0	6.7	21.0	228.1	22822	558	147	0	0	602	174	24303	660	23	24987
SERIES 600																
601 FGN MKT DEVELP	24	67.5	0.0	0.0	0.0	4164	0	0	0	0	0	0	4164	90	0	4254
603 TECH AID DEV CRTY	19	18.0	0.0	0.0	4.2	197	242	434	0	0	0	0	874	189	0	1062
604 PRD DVLPMT/MKTG PRG	24	22.1	0.1	0.0	31.0	1853	0	4	0	0	0	0	1857	9	23	1888
SUBTOTAL	67	107.6	0.1	0.0	35.2	6214	242	439	0	0	0	0	6895	287	23	7205
SERIES 700																
701 TOX RES IN FOOD	38	43.6	0.0	0.0	88.8	4446	1850	0	0	0	0	0	6296	75	0	6371
702 FOOD PRCT FROM TOX	76	79.4	0.2	0.0	136.1	6421	485	131	0	0	0	0	7038	19	2	7059
703 FOOD CONSUMP HABITS	34	65.6	0.0	0.0	29.4	4134	1637	2647	0	0	0	0	8418	356	0	8774
704 HOME COMM FOOD SERV	4	6.5	0.0	0.0	9.0	346	0	0	0	0	0	0	346	308	0	654
705 SEL CARE CLOTH & TE	7	5.8	0.0	0.0	4.0	239	12	27	0	0	0	0	278	0	0	278
706 CONTR INSECTS AFF M	32	34.1	7.4	0.0	60.4	3410	23	65	0	0	0	0	3498	189	1	3688
707 TRANS ANIML MAN DI	2	1.6	0.0	0.0	1.5	53	0	0	0	0	0	0	53	52	0	105
708 HUMAN NUTRITION	119	101.9	2.4	0.0	216.6	9884	1078	4634	0	0	0	0	15595	401	0	15997
709 REDUCE HAZ HLTH & S	67	70.1	0.1	0.0	106.0	4879	1017	192	0	0	0	0	6088	19	31	6138
SUBTOTAL	379	408.4	10.1	0.0	651.8	33812	6101	7697	0	0	0	0	47610	1419	34	49063

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SUPPORT YEARS SYS	PROF	TECH	OTHER	REG IN HOUSE	C G SAES	CA CN GT	OTHER 015	SP FD 010	SP FD FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 800																
801 RURAL HOUSING	27	15.5	1.4	5.5	12.8	1102	278	22	0	0	51	0	1454	490	0	1944
802 INDIV & FAM DEC MAK	10	4.4	0.0	0.0	9.8	362	297	0	0	0	0	0	659	0	0	659
803 RURAL POVERTY	4	0.0	0.0	0.0	0.0	0	303	0	0	0	0	0	303	0	0	303
804 ECON POTENT RURL PE	9	9.2	0.3	0.0	1.5	483	494	15	0	0	0	0	992	149	0	1140
805 COMMUNICAT RURAL PE	3	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
806 ADJUSTMENT TO CHANG	16	15.2	0.0	0.0	7.8	1184	857	0	0	0	0	0	2042	52	0	2093
807 AGRIC ECONOMIC CHAN	25	44.8	0.0	0.0	21.7	2942	252	16	0	0	0	0	3210	0	15	3225
808 GOV'T PROGRAMS	21	23.7	0.0	0.0	11.4	1389	46	0	0	0	0	0	1435	5	0	1440
SUBTOTAL	115	112.8	1.7	5.5	65.0	7463	2544	53	0	0	51	0	10111	696	15	10822
SERIES 900																
901 ALLEV POLLUTION	138	164.1	2.5	10.7	235.3	14189	1159	79	0	0	141	105	15673	1138	97	16909
902 OUTDOOR RECREATION	13	20.9	4.1	3.8	6.1	1777	0	0	0	0	970	0	2747	434	0	3180
903 MULTI-USE-FOREST PO	9	18.0	12.5	3.6	7.2	1298	0	0	0	0	788	0	2086	788	0	2874
904 WLDLFE AND FISH ECO	38	62.0	3.9	32.2	18.3	4897	326	0	0	0	654	0	5878	716	0	6593
905 TREES BEAUTIFICATIO	20	19.6	0.0	4.2	86.0	2626	8	47	0	0	22	0	2703	83	118	2904
906 ORNAMENT & TURF DEV	50	35.3	0.0	0.1	93.1	3681	43	116	0	0	0	0	3840	35	14	3888
907 RURAL INCOME IMP	13	9.2	0.0	0.0	3.6	645	254	51	0	0	0	0	949	0	0	949
908 RURAL INSTITUT IMP	28	18.2	2.5	0.0	5.4	847	164	52	0	0	0	0	1062	408	0	1471
990 UNCLASSIFIED	3	7.9	0.0	0.0	15.8	750	0	0	0	0	0	0	750	74	0	824
SUBTOTAL	312	355.2	25.5	54.6	470.7	30709	1954	344	0	0	2575	105	35687	3677	229	39593
SCIENCE IN SERV OF MAN																
GRAND TOTAL	4799	4565.1	210.3	650.7	6857.7	421375	31555	20718	0	0	9902	454	484004	22883	789	507676

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TABLE III-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS SYS	I.H. PROF	SUPPORT TECH	OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	188	123.7	*	*	264.5	12052	102	43	0	0	0	0	12196	1202	5	13403
0200 WATER	191	118.2	*	*	254.2	11296	125	180	0	0	0	0	11601	959	113	12673
0300 WATERSHEDS RIVER BAS	78	77.4	*	*	195.7	8072	87	12	0	0	0	0	8171	1570	25	9767
0400 AIR AND CLIMATE	16	9.2	*	*	16.9	763	9	0	0	0	0	0	772	90	0	863
0600 TIMBER FORST PRODUCT	23	23.5	*	*	76.3	2705	98	47	0	0	0	0	2850	87	111	3048
0700 RANGE	76	47.1	*	*	102.5	5208	77	0	0	0	0	0	5285	135	1	5421
0800 WILDLIFE AND FISH	14	3.9	*	*	9.3	379	14	0	0	0	0	0	393	61	0	454
0900 CITRUS SUB TROP FRUT	91	87.5	*	*	204.8	8823	52	109	0	0	0	0	8984	344	61	9388
1000 FRUIT NUTS DECIDUOUS	170	134.3	*	*	256.2	11952	162	89	0	0	0	0	12203	256	46	12505
1100 POTATOES	49	46.3	*	*	69.4	3732	71	0	0	0	0	0	3804	60	15	3879
1200 VEGETABLES	216	136.5	*	*	240.9	11628	266	355	0	0	0	0	12248	96	101	12445
1300 ORNAMENTALS TURF	52	47.3	*	*	113.6	4173	0	482	0	0	0	0	4655	34	21	4710
1400 CORN	166	115.3	*	*	185.7	9649	96	11	0	0	0	0	9756	176	8	9940
1500 GRAIN SORGHUM	81	23.2	*	*	32.8	1824	11	6	0	0	0	0	1841	74	6	1921
1600 RICE	41	23.2	*	*	39.0	1953	2	0	0	0	0	0	1955	69	14	2038
1700 WHEAT	144	112.3	*	*	175.5	9205	187	10	0	0	0	0	9402	225	2	9629
1800 OTHER SMALL GRAINS	79	31.6	*	*	53.4	2701	5	0	0	0	0	0	2706	68	0	2774
1900 PASTURE	29	10.7	*	*	15.6	1048	28	0	0	0	0	0	1077	18	1	1096
2000 FORAGE CROPS	151	100.8	*	*	152.4	8814	422	19	0	0	0	0	9255	243	2	9501
2100 COTTON	220	245.7	*	*	548.5	22519	242	152	0	0	0	0	22913	133	42	23088
2200 COTTONSEED	43	29.3	*	*	52.5	2265	28	31	0	0	0	0	2324	0	13	2337
2300 SOYBEANS	155	122.3	*	*	197.4	10577	225	6	0	0	0	0	10808	42	22	10873
2400 PEANUTS	72	41.6	*	*	62.6	3219	82	25	0	0	0	0	3326	93	0	3419
2500 OTHER OILSEED CROPS	39	19.6	*	*	32.2	1711	48	0	0	0	0	0	1759	7	2	1767
2600 TOBACCO	54	57.5	*	*	111.1	4346	751	133	0	0	0	0	5231	138	2	5371
2700 SUGAR CROPS	69	56.3	*	*	155.5	5841	44	155	0	0	0	0	6041	39	61	6141
2800 MISC NEW CROPS	45	36.4	*	*	65.5	2592	134	146	0	0	0	0	2872	433	3	3309
2900 POULTRY	116	95.6	*	*	302.0	11076	140	0	0	0	0	0	11216	308	4	11528
3000 BEEF CATTLE	238	230.8	*	*	531.1	26778	984	92	0	0	0	0	27855	376	0	28231
3100 DAIRY CATTLE	176	98.1	*	*	325.8	13805	491	125	0	0	0	0	14421	315	1	14737
3200 SWINE	130	79.0	*	*	259.6	10659	556	2	0	0	0	0	11217	502	0	11719
3300 SHEEP AND WOOL	104	64.1	*	*	144.7	8265	125	67	0	0	0	0	8458	20	0	8478
3400 OTHER ANIMALS	43	15.6	*	*	58.9	2167	30	0	0	0	0	0	2198	2	0	2200
3500 BEES AND HONEY	28	36.7	*	*	53.5	2368	39	211	0	0	0	0	2618	0	0	2618
3600 FARM SUPP & FACILITS	6	3.3	*	*	5.6	314	0	0	0	0	0	0	314	0	0	314
3700 CLOTHING & TEXTILES	7	5.8	*	*	4.0	239	12	27	0	0	0	0	278	0	0	278
3800 FOOD	64	125.8	*	*	149.5	9540	94	1008	0	0	0	0	10642	765	3	11410
3900 HOUSING & EQUIP	56	17.5	*	*	35.7	1364	33	5	0	0	0	0	1402	1635	0	3037
4000 PEOPLE AS INDIVIDUAL	73	64.9	*	*	129.5	6377	45	230	0	0	0	0	6652	237	1	6890
4100 FAMILY MEMBERS	6	7.8	*	*	14.1	881	0	0	0	0	0	0	881	0	0	881
4700 OTH MARKET PROCESS	5	2.5	*	*	1.1	101	0	0	0	0	0	0	101	28	0	128
4800 MARKETING SYSTEMS	2	0.5	*	*	0.4	52	0	0	0	0	0	0	52	0	0	52
6100 WEEDS	38	16.3	*	*	30.6	1501	67	0	0	0	0	0	1568	17	2	1587
6200 SEED RESEARCH	10	8.1	*	*	19.2	753	0	0	0	0	0	0	753	0	0	753
6300 BIO CELL SYSTEMS	19	11.2	*	*	20.1	1079	95	22	0	0	0	0	1196	0	0	1196
6400 EXP DESIGN/STAT METH	1	0.1	*	*	0.0	0	0	3	0	0	0	0	3	0	0	3
6500 INVERTEBRATES	78	111.3	*	*	201.8	10236	33	0	0	0	0	0	10270	296	9	10575
6600 MICROORGANISMS,VIRUS	41	25.2	*	*	43.1	2191	198	69	0	0	0	0	2457	49	0	2506
6700 PLANTS	165	177.9	*	*	326.3	15865	1090	265	0	0	0	0	17221	456	0	17678
6800 ANIMALS(VERTEBRATES)	30	28.7	*	*	50.1	3048	26	0	0	0	0	0	3073	206	0	3279
7000 RSCH EQUIP & TECHNOL	10	5.1	*	*	12.2	462	18	0	0	0	0	0	480	5	0	485
9900 UNCLASSIFIED	3	7.9	*	*	15.8	750	0	0	0	0	0	0	750	74	0	824
TOTAL	4001	3120.6	*	*	6418.7	298922	7446	4136	0	0	0	0	310504	11943	699	323146

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TABLE III-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SUPPORT YEARS SYS	PROF	TECH	OTHER	REG IN HOUSE	C G SAES	CA CN GT	OTHER SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100																
102 SOIL PLNT WTR NUTRI	110	79.3	*	*	175.0	7805	101	0	0	0	0	0	7906	686	0	8592
103 MGMT OF SALINE SOIL	12	16.3	*	*	35.7	1537	77	61	0	0	0	0	1675	41	0	1716
105 CONSERV USE OF WATE	81	52.3	*	*	103.6	5235	2	40	0	0	0	0	5277	399	97	5773
106 DRAIN AND IRRIGATIO	41	35.0	*	*	77.4	3211	0	42	0	0	0	0	3253	205	0	3459
107 WATERSHED PROT & MG	98	98.3	*	*	247.2	10186	142	12	0	0	0	0	10340	1993	28	12361
109 WEATHER ADAPT & MOD	10	4.3	*	*	7.6	461	9	0	0	0	0	0	470	24	0	494
112 IMPROV RANGE RESOR	56	29.1	*	*	69.5	3284	115	0	0	0	0	0	3399	85	0	3484
113 REMOTE SENSING	6	5.8	*	*	18.0	644	4	0	0	0	0	0	649	5	0	654
SUBTOTAL	414	320.2	*	*	734.0	32364	450	155	0	0	0	0	32968	3438	124	36531
SERIES 200																
201 CNTRL FORST INSECTS	12	9.5	*	*	10.3	855	98	0	0	0	0	0	954	77	0	1031
204 CNTR PESTS FRT & VE	99	66.5	*	*	186.0	7150	150	48	0	0	0	0	7348	147	50	7545
205 CNTR DISE FRT & VEG	125	64.1	*	*	141.0	6014	168	324	0	0	0	0	6505	22	19	6546
206 CNTR WEEDS FRT & VE	26	8.1	*	*	18.2	795	17	7	0	0	0	0	820	0	15	835
207 CNTR PESTS FLD CROP	213	156.9	*	*	353.8	15569	272	34	0	0	0	0	15875	135	13	16023
208 CNTR DIS FIELD CROP	209	134.4	*	*	240.5	12065	179	177	0	0	0	0	12422	62	21	12504
209 CNTR WEEDS FLD CROP	106	55.4	*	*	84.2	5360	147	0	0	0	0	0	5507	56	6	5568
210 CONTR PESTS ANIMALS	34	42.5	*	*	101.3	4334	246	36	0	0	0	0	4616	1	0	4618
211 CONTR DIS ANIMALS	157	152.7	*	*	664.5	25779	1036	89	0	0	0	0	26904	574	0	27478
212 CNTR INTER PARASITE	27	34.2	*	*	118.7	4367	79	21	0	0	0	0	4467	45	0	4512
213 PROT ANMLS FROM TOI	38	35.6	*	*	74.3	3301	314	52	0	0	0	0	3667	105	0	3772
214 PROTECT FROM POLLUT	15	11.3	*	*	16.8	775	95	0	0	0	0	0	870	222	4	1095
SUBTOTAL	1061	771.2	*	*	2009.5	86365	2802	787	0	0	0	0	89955	1446	127	91528
SERIES 300																
304 IMP BIO EFF FRT & V	89	54.4	*	*	138.6	5540	43	35	0	0	0	0	5619	167	63	5849
305 MECH PROD FRT & VEG	24	14.3	*	*	19.6	1168	0	0	0	0	0	0	1168	4	6	1178
306 PROD MGMT SYS F & V	2	0.5	*	*	1.8	42	0	0	0	0	0	0	42	8	0	50
307 IMP BIO EFF FLD CRP	308	186.9	*	*	335.6	16231	482	278	0	0	0	0	16992	473	52	17517
308 MECH PROD FIELD CRO	54	38.5	*	*	79.2	3715	82	0	0	0	0	0	3797	354	0	4151
309 PROD MGMT SYS FLD C	18	4.6	*	*	9.2	540	50	0	0	0	0	0	590	0	0	590
310 ANIMAL REPRODUCTION	41	39.9	*	*	83.2	6014	64	49	0	0	0	0	6127	10	0	6137
311 IMP BIO EFF ANML PR	94	63.5	*	*	212.2	9930	116	0	0	0	0	0	10047	38	1	10086
312 ENV STRESS IN ANML	20	8.4	*	*	18.6	1064	90	0	0	0	0	0	1154	17	0	1170
313 PROD MGMT SYS ANML	9	3.6	*	*	12.4	696	14	0	0	0	0	0	710	15	0	725
314 BEES OTH POLLNTNG I	28	36.7	*	*	53.5	2368	39	211	0	0	0	0	2618	0	0	2618
315 IMP STRUC FARM SUPP	32	8.1	*	*	16.7	595	12	0	0	0	0	0	608	1079	0	1686
317 MECH/STRUCTS ANML P	19	5.0	*	*	8.4	350	113	0	0	0	0	0	463	593	0	1055
318 NON-COM BIO TECH/BI	204	228.2	*	*	430.7	20794	1337	221	0	0	0	0	22352	446	12	22810
SUBTOTAL	942	692.6	*	*	1419.6	69047	2443	794	0	0	0	0	72285	3204	134	75623
SERIES 400																
402 PROD F & V IMP ACCE	43	12.2	*	*	27.9	1280	26	3	0	0	0	0	1309	2	7	1319
403 NEW & IMP F&V PROD	45	85.5	*	*	109.2	6466	15	0	0	0	0	0	6481	243	3	6727
404 MKT QUAL FRTS & VEG	91	61.5	*	*	95.1	5057	57	4	0	0	0	0	5118	125	29	5272
405 PROD FLD CROP IMP A	136	77.6	*	*	148.7	6878	217	26	0	0	0	0	7122	11	8	7140
406 NEW IMP FOOD FLD CR	61	109.2	*	*	158.0	8496	25	0	0	0	0	0	8522	60	28	8609
407 NEW IMP NON-FOOD FC	68	103.5	*	*	181.1	7817	68	32	0	0	0	0	7917	190	2	8109
408 MKT QUAL FIELD CROP	61	51.3	*	*	96.8	4314	79	10	0	0	0	0	4403	84	0	4487
409 PROD ANML PR IMP AC	11	6.4	*	*	16.3	1258	0	0	0	0	0	0	1258	5	0	1263
410 IMP MEAT MILK EGG P	22	62.4	*	*	98.9	4831	28	0	0	0	0	0	4859	126	4	4988
411 IMP NON-FOOD ANML P	17	46.2	*	*	59.4	3295	154	0	0	0	0	0	3449	48	0	3497
412 MKT QUAL ANIMAL PRO	16	9.3	*	*	19.5	855	0	40	0	0	0	0	896	4	0	900
SUBTOTAL	571	625.0	*	*	1010.9	50548	669	115	0	0	0	0	51333	899	80	52311
SERIES 500																
501 IMP GRADES & STANDS	25	23.6	*	*	48.9	2401	0	0	0	0	0	0	2401	71	0	2472
503 MKTG EFF AGRI PRODS	77	54.5	*	*	60.6	3907	6	40	0	0	0	0	3953	240	14	4208
506 SPLY DEMAND AND PRI	1	0.0	*	*	0.0	1	0	0	0	0	0	0	1	0	0	1
509 PERFORMANCE MKTG SY	9	3.9	*	*	3.1	248	0	0	0	0	0	0	248	0	9	257
SUBTOTAL	112	81.9	*	*	112.6	6557	6	40	0	0	0	0	6602	312	23	6937
SERIES 600																
603 TECH AID DEV CRTY	14	18.0	*	*	4.2	197	91	434	0	0	0	0	722	189	0	911
604 PRD DVLPMT/MKTG FRG	24	22.1	*	*	31.0	1853	0	4	0	0	0	0	1857	9	23	1888
SUBTOTAL	38	40.1	*	*	35.2	2050	91	439	0	0	0	0	2580	197	23	2800
SERIES 700																
701 TOX RES IN FOOD	27	43.6	*	*	88.8	4446	0	0	0	0	0	0	4446	75	0	4521
702 FOOD PROT FROM TOX	73	79.4	*	*	136.1	6421	167	11	0	0	0	0	6599	19	2	6621
703 FOOD CONSUMP HABITS	9	57.2	*	*	27.4	3813	0	900	0	0	0	0	4712	200	0	4912
704 HOME COMM FOOD SERV	4	6.5	*	*	9.0	346	0	0	0	0	0	0	346	308	0	654
705 SEL CARE CLOTH & TE	7	5.8	*	*	4.0	239	12	27	0	0	0	0	278	0	0	278
706 CONTR INSECTS AFF H	32	34.1	*	*	60.4	3410	23	65	0	0	0	0	3498	189	1	3688
707 TRANS ANIML HAN DI	2	1.6	*	*	1.5	53	0	0	0	0	0	0	53	52	0	105
708 HUMAN NUTRITION	79	101.9	*	*	216.6	9884	59	365	0	0	0	0	10307	401	0	10709
709 REDUCE HAZ HLTH & S	66	70.1	*	*	106.0	4879	596	192	0	0	0	0	5667	19	31	5717
SUBTOTAL	299	400.0	*	*	649.8	33491	857	1560	0	0	0	0	35907	1263	34	37205
SERIES 800																
801 RURAL HOUSING	15	4.8	*	*	9.3	398	20	5	0	0	0	0	422	329	0	751
802 INDIV & FAM DEC MAK	4	4.4	*	*	9.8	362	0	0	0	0	0	0	362	0	0	362
SUBTOTAL	19	9.2	*	*	19.1	760	20	5	0	0	0	0	785	329	0	1114
SERIES 900																
901 ALLEV POLLUTION	100	119.8	*	*	228.1	10815	108	79	0	0	0	0	11002	725	22	11749
904 WLDLFE AND FISH ECO	8	2.2	*	*	6.1	234	0	0	0	0	0	0	234	13	0	247
905 TREES BEAUTIFICATIO	15	15.1	*	*	85.0	2263	0	47	0	0	0	0	2309	10	118	2437
906 ORNAMENT & TURF DEV	47	35.2	*	*	93.1	3678	0	116	0	0	0	0	3794	34	14	3841
990 UNCLASSIFIED	3	7.9	*	*	15.8	750	0	0	0	0	0	0	750	74	0	824
SUBTOTAL	173	180.3	*	*	428.0	17740	108	241	0	0	0	0	18089	855	154	19099
SCIENCE IN SERV OF MAN GRAND TOTAL	3629	3120.6	*	*	6418.7	298922	7446	4136	0	0	0	0	310504	11943	699	323146

COOPERATIVE RESEARCH

TABLE III-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H.SUPPORT YEARS SYS	PROF	TECH	OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	24	0.0	0.0	0.0	0.0	0	1299	0	0	0	0	0	1299	0	0	1299
0200 WATER	12	0.0	0.0	0.0	0.0	0	527	0	0	0	0	0	527	0	0	527
0300 WATERSHEDS RIVER BAS	1	0.0	0.0	0.0	0.0	0	43	0	0	0	0	0	43	0	0	43
0400 AIR AND CLIMATE	1	0.0	0.0	0.0	0.0	0	6	0	0	0	0	0	6	0	0	6
0600 TIMBER FORST PRODUCT	26	0.0	0.0	0.0	0.0	0	1196	0	0	0	0	0	1196	0	0	1196
0700 RANGE	6	0.0	0.0	0.0	0.0	0	1681	0	0	0	0	0	1681	0	0	1681
0800 WILDLIFE AND FISH	3	0.0	0.0	0.0	0.0	0	337	0	0	0	0	0	337	0	0	337
0900 CITRUS SUB TROP FRUT	1	0.0	0.0	0.0	0.0	0	3	0	0	0	0	0	3	0	0	3
1000 FRUIT NUTS DECIDUOUS	6	0.0	0.0	0.0	0.0	0	498	0	0	0	0	0	498	0	0	498
1100 POTATOES	2	0.0	0.0	0.0	0.0	0	26	0	0	0	0	0	26	0	0	26
1200 VEGETABLES	31	0.0	0.0	0.0	0.0	0	1513	0	0	0	0	0	1513	0	0	1513
1300 ORNAMENTALS TURF	2	0.0	0.0	0.0	0.0	0	50	0	0	0	0	0	50	0	0	50
1400 CORN	8	0.0	0.0	0.0	0.0	0	514	0	0	0	0	0	514	0	0	514
1500 GRAIN SORGHUM	1	0.0	0.0	0.0	0.0	0	3	0	0	0	0	0	3	0	0	3
1600 RICE	3	0.0	0.0	0.0	0.0	0	72	0	0	0	0	0	72	0	0	72
1700 WHEAT	7	0.0	0.0	0.0	0.0	0	422	0	0	0	0	0	422	0	0	422
1800 OTHER SMALL GRAINS	7	0.0	0.0	0.0	0.0	0	413	0	0	0	0	0	413	0	0	413
1900 PASTURE	3	0.0	0.0	0.0	0.0	0	19	0	0	0	0	0	19	0	0	19
2000 FORAGE CROPS	7	0.0	0.0	0.0	0.0	0	426	0	0	0	0	0	426	0	0	426
2100 COTTON	1	0.0	0.0	0.0	0.0	0	11	0	0	0	0	0	11	0	0	11
2300 SOYBEANS	18	0.0	0.0	0.0	0.0	0	1117	0	0	0	0	0	1117	0	0	1117
2400 PEANUTS	6	0.0	0.0	0.0	0.0	0	294	0	0	0	0	0	294	0	0	294
2600 TOBACCO	2	0.0	0.0	0.0	0.0	0	487	0	0	0	0	0	487	0	0	487
2700 SUGAR CROPS	2	0.0	0.0	0.0	0.0	0	13	0	0	0	0	0	13	0	0	13
2900 POULTRY	7	0.0	0.0	0.0	0.0	0	696	0	0	0	0	0	696	0	0	696
3000 BEEF CATTLE	10	0.0	0.0	0.0	0.0	0	883	0	0	0	0	0	883	0	0	883
3100 DAIRY CATTLE	5	0.0	0.0	0.0	0.0	0	647	0	0	0	0	0	647	0	0	647
3200 SWINE	8	0.0	0.0	0.0	0.0	0	1015	0	0	0	0	0	1015	0	0	1015
3300 SHEEP AND WOOL	1	0.0	0.0	0.0	0.0	0	14	0	0	0	0	0	14	0	0	14
3400 OTHER ANIMALS	6	0.0	0.0	0.0	0.0	0	491	0	0	0	0	0	491	0	0	491
3600 FARM SUPP & FACILITS	2	0.0	0.0	0.0	0.0	0	259	0	0	0	0	0	259	0	0	259
3800 FOOD	10	0.0	0.0	0.0	0.0	0	1109	0	0	0	0	0	1109	0	0	1109
3900 HOUSING & EQUIP	3	0.0	0.0	0.0	0.0	0	227	0	0	0	0	0	227	0	0	227
4000 PEOPLE AS INDIVIDUAL	28	0.0	0.0	0.0	0.0	0	2685	0	0	0	0	0	2685	0	0	2685
4100 FAMILY MEMBERS	12	0.0	0.0	0.0	0.0	0	832	0	0	0	0	0	832	0	0	832
4200 FARM AS BUSINESS	3	0.0	0.0	0.0	0.0	0	205	0	0	0	0	0	205	0	0	205
4300 SOC POLIT ORGANIZ	10	0.0	0.0	0.0	0.0	0	534	0	0	0	0	0	534	0	0	534
4400 AGRIC ECONOMY U S	2	0.0	0.0	0.0	0.0	0	176	0	0	0	0	0	176	0	0	176
4800 MARKETING SYSTEMS	2	0.0	0.0	0.0	0.0	0	70	0	0	0	0	0	70	0	0	70
6300 BIO CELL SYSTEMS	1	0.0	0.0	0.0	0.0	0	60	0	0	0	0	0	60	0	0	60
6400 EXP DESIGN/STAT METH	1	0.0	0.0	0.0	0.0	0	3	0	0	0	0	0	3	0	0	3
6500 INVERTEBRATES	1	0.0	0.0	0.0	0.0	0	8	0	0	0	0	0	8	0	0	8
6600 MICROORGANISMS,VIRUS	4	0.0	0.0	0.0	0.0	0	119	0	0	0	0	0	119	0	0	119
6700 PLANTS	17	0.0	0.0	0.0	0.0	0	2157	0	0	0	0	0	2157	0	0	2157
6800 ANIMALS(VERTEBRATES)	7	0.0	0.0	0.0	0.0	0	523	0	0	0	0	0	523	0	0	523
7000 RSCH EQUIP & TECHNOL	2	0.0	0.0	0.0	0.0	0	21	0	0	0	0	0	21	0	0	21
TOTAL	322	0.0	0.0	0.0	0.0	0	23707	0	0	0	0	0	23707	0	0	23707

COOPERATIVE RESEARCH

TABLE III-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H.SUPPORT YEARS SYS	PROF	TECH	OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100																
101 APPRAIS OF SOIL RES	3	0.0	0.0	0.0	0.0	0	57	0	0	0	0	0	57	0	0	57
102 SOIL PLNT WTR NUTRI	21	0.0	0.0	0.0	0.0	0	581	0	0	0	0	0	581	0	0	581
103 MGMT OF SALINE SOIL	3	0.0	0.0	0.0	0.0	0	32	0	0	0	0	0	32	0	0	32
104 ALTERN USE OF LAND	1	0.0	0.0	0.0	0.0	0	79	0	0	0	0	0	79	0	0	79
105 CONSERV USE OF WATE	6	0.0	0.0	0.0	0.0	0	50	0	0	0	0	0	50	0	0	50
106 DRAIN AND IRRIGATIO	5	0.0	0.0	0.0	0.0	0	38	0	0	0	0	0	38	0	0	38
107 WATERSHED PROT & MG	4	0.0	0.0	0.0	0.0	0	194	0	0	0	0	0	194	0	0	194
109 WEATHER ADAPT & MOD	2	0.0	0.0	0.0	0.0	0	82	0	0	0	0	0	82	0	0	82
110 APPRAIS FORST & RAN	1	0.0	0.0	0.0	0.0	0	14	0	0	0	0	0	14	0	0	14
111 BIOL CULT MGMT FORS	2	0.0	0.0	0.0	0.0	0	98	0	0	0	0	0	98	0	0	98
112 IMPROV RANGE RESOR	4	0.0	0.0	0.0	0.0	0	73	0	0	0	0	0	73	0	0	73
113 REMOTE SENSING	1	0.0	0.0	0.0	0.0	0	16	0	0	0	0	0	16	0	0	16
SUBTOTAL	53	0.0	0.0	0.0	0.0	0	1311	0	0	0	0	0	1311	0	0	1311
SERIES 200																
201 CNTRL FORST INSECTS	22	0.0	0.0	0.0	0.0	0	1030	0	0	0	0	0	1030	0	0	1030
204 CNTR PESTS FRT & VE	6	0.0	0.0	0.0	0.0	0	128	0	0	0	0	0	128	0	0	128
205 CNTR DISE FRT & VEG	9	0.0	0.0	0.0	0.0	0	270	0	0	0	0	0	270	0	0	270
206 CNTR WEEDS FRT & VE	2	0.0	0.0	0.0	0.0	0	91	0	0	0	0	0	91	0	0	91
207 CNTR PESTS FLD CROP	9	0.0	0.0	0.0	0.0	0	1703	0	0	0	0	0	1703	0	0	1703
208 CNTR DIS FIELD CROP	10	0.0	0.0	0.0	0.0	0	587	0	0	0	0	0	587	0	0	587
209 CNTR WEEDS FLD CROP	3	0.0	0.0	0.0	0.0	0	135	0	0	0	0	0	135	0	0	135
210 CONTR PESTS ANIMALS	1	0.0	0.0	0.0	0.0	0	60	0	0	0	0	0	60	0	0	60
211 CONTR DIS ANIMALS	4	0.0	0.0	0.0	0.0	0	135	0	0	0	0	0	135	0	0	135
212 CNTR INTER PARASITE	1	0.0	0.0	0.0	0.0	0	155	0	0	0	0	0	155	0	0	155
214 PROTECT FROM POLLUT	4	0.0	0.0	0.0	0.0	0	583	0	0	0	0	0	583	0	0	583
SUBTOTAL	71	0.0	0.0	0.0	0.0	0	4875	0	0	0	0	0	4875	0	0	4875
SERIES 300																
303 ECON TIMBER PRODUCT	1	0.0	0.0	0.0	0.0	0	50	0	0	0	0	0	50	0	0	50
304 IMP BIO EFF FRT & V	25	0.0	0.0	0.0	0.0	0	1135	0	0	0	0	0	1135	0	0	1135
306 PROD MGMT SYS F & V	1	0.0	0.0	0.0	0.0	0	39	0	0	0	0	0	39	0	0	39
307 IMP BIO EFF FLD CRP	25	0.0	0.0	0.0	0.0	0	1296	0	0	0	0	0	1296	0	0	1296
308 MECH PROD FIELD CRO	1	0.0	0.0	0.0	0.0	0	30	0	0	0	0	0	30	0	0	30
309 PROD MGMT SYS FLD C	2	0.0	0.0	0.0	0.0	0	122	0	0	0	0	0	122	0	0	122
310 ANIMAL REPRODUCTION	4	0.0	0.0	0.0	0.0	0	308	0	0	0	0	0	308	0	0	308
311 IMP BIO EFF ANML PE	11	0.0	0.0	0.0	0.0	0	1248	0	0	0	0	0	1248	0	0	1248
312 ENV STRESS IN ANML	2	0.0	0.0	0.0	0.0	0	329	0	0	0	0	0	329	0	0	329
313 PROD MGMT SYS ANML	3	0.0	0.0	0.0	0.0	0	160	0	0	0	0	0	160	0	0	160
315 IMP STRUC FARM SUPP	2	0.0	0.0	0.0	0.0	0	259	0	0	0	0	0	259	0	0	259
316 FARM BUSINESS MGMT	1	0.0	0.0	0.0	0.0	0	159	0	0	0	0	0	159	0	0	159
318 NON-COM BIO TECH/BI	5	0.0	0.0	0.0	0.0	0	404	0	0	0	0	0	404	0	0	404
SUBTOTAL	83	0.0	0.0	0.0	0.0	0	5537	0	0	0	0	0	5537	0	0	5537
SERIES 400																
402 PROD F & V IMP ACCE	1	0.0	0.0	0.0	0.0	0	100	0	0	0	0	0	100	0	0	100
404 MKT QUAL FRTS & VEG	1	0.0	0.0	0.0	0.0	0	55	0	0	0	0	0	55	0	0	55
405 PROD FLD CROP IMP A	4	0.0	0.0	0.0	0.0	0	458	0	0	0	0	0	458	0	0	458
406 NEW IMP FOOD FLD CR	4	0.0	0.0	0.0	0.0	0	274	0	0	0	0	0	274	0	0	274
408 MKT QUAL FIELD CROP	1	0.0	0.0	0.0	0.0	0	113	0	0	0	0	0	113	0	0	113
409 PROD ANML PR IMP AC	5	0.0	0.0	0.0	0.0	0	860	0	0	0	0	0	860	0	0	860
412 MKT QUAL ANIMAL PRO	3	0.0	0.0	0.0	0.0	0	207	0	0	0	0	0	207	0	0	207
SUBTOTAL	19	0.0	0.0	0.0	0.0	0	2067	0	0	0	0	0	2067	0	0	2067
SERIES 500																
503 MKTG EFF AGRI PRODS	2	0.0	0.0	0.0	0.0	0	78	0	0	0	0	0	78	0	0	78
507 COMP REL IN AGRIC	2	0.0	0.0	0.0	0.0	0	89	0	0	0	0	0	89	0	0	89
509 PERFORMANCE MKTG SY	1	0.0	0.0	0.0	0.0	0	45	0	0	0	0	0	45	0	0	45
510 GROUP ACT MKT POWER	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15
SUBTOTAL	6	0.0	0.0	0.0	0.0	0	228	0	0	0	0	0	228	0	0	228
SERIES 600																
603 TECH AID DEV CRTY	5	0.0	0.0	0.0	0.0	0	151	0	0	0	0	0	151	0	0	151
SUBTOTAL	5	0.0	0.0	0.0	0.0	0	151	0	0	0	0	0	151	0	0	151
SERIES 700																
701 TOX RES IN FOOD	11	0.0	0.0	0.0	0.0	0	1850	0	0	0	0	0	1850	0	0	1850
702 FOOD PROT FROM TOX	2	0.0	0.0	0.0	0.0	0	319	0	0	0	0	0	319	0	0	319
703 FOOD CONSUMP HABITS	9	0.0	0.0	0.0	0.0	0	1637	0	0	0	0	0	1637	0	0	1637
708 HUMAN NUTRITION	13	0.0	0.0	0.0	0.0	0	1019	0	0	0	0	0	1019	0	0	1019
709 REDUCE HAZ HLTH & S	1	0.0	0.0	0.0	0.0	0	421	0	0	0	0	0	421	0	0	421
SUBTOTAL	36	0.0	0.0	0.0	0.0	0	5244	0	0	0	0	0	5244	0	0	5244
SERIES 800																
801 RURAL HOUSING	3	0.0	0.0	0.0	0.0	0	258	0	0	0	0	0	258	0	0	258
802 INDIV & FAM DEC MAK	6	0.0	0.0	0.0	0.0	0	297	0	0	0	0	0	297	0	0	297
803 RURAL POVERTY	4	0.0	0.0	0.0	0.0	0	303	0	0	0	0	0	303	0	0	303
804 ECON POTENT RURL PE	3	0.0	0.0	0.0	0.0	0	494	0	0	0	0	0	494	0	0	494
805 COMMUNICAT RURAL PE	3	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
806 ADJUSTMENT TO CHANG	9	0.0	0.0	0.0	0.0	0	857	0	0	0	0	0	857	0	0	857
807 AGRIC ECONOMIC CHAN	4	0.0	0.0	0.0	0.0	0	222	0	0	0	0	0	222	0	0	222
SUBTOTAL	32	0.0	0.0	0.0	0.0	0	2448	0	0	0	0	0	2448	0	0	2448
SERIES 900																
901 ALLEV POLLUTION	10	0.0	0.0	0.0	0.0	0	1052	0	0	0	0	0	1052	0	0	1052
904 WLDLFE AND FISH ECO	2	0.0	0.0	0.0	0.0	0	326	0	0	0	0	0	326	0	0	326
905 TREES BEAUTIFICATIO	1	0.0	0.0	0.0	0.0	0	8	0	0	0	0	0	8	0	0	8
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	0	42	0	0	0	0	0	42	0	0	42
907 RURAL INCOME IMP	7	0.0	0.0	0.0	0.0	0	254	0	0	0	0	0	254	0	0	254
908 RURAL INSTITUT IMP	5	0.0	0.0	0.0	0.0	0	164	0	0	0	0	0	164	0	0	164
SUBTOTAL	26	0.0	0.0	0.0	0.0	0	1846	0	0	0	0	0	1846	0	0	1846
SCIENCE IN SERV OF MAN GRAND TOTAL	331	0.0	0.0	0.0	0.0	0	23707	0	0	0	0	0	23707	0	0	23707

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H.SUPPORT YEARS SYS	PROF	TECH	OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0600 TIMBER FORST PRODUCT	2	0.0	0.0	0.0	0.0	0	0	141	0	0	0	0	141	0	0	141
1000 FRUIT NUTS DECIDUOUS	6	0.0	0.0	0.0	0.0	0	0	452	0	0	0	0	452	0	0	452
1100 POTATOES	4	0.0	0.0	0.0	0.0	0	0	192	0	0	0	0	192	0	0	192
1200 VEGETABLES	6	0.0	0.0	0.0	0.0	0	0	361	0	0	0	0	361	0	0	361
1400 CORN	8	0.0	0.0	0.0	0.0	0	0	537	0	0	0	0	537	0	0	537
1600 RICE	2	0.0	0.0	0.0	0.0	0	0	62	0	0	0	0	62	0	0	62
1700 WHEAT	4	0.0	0.0	0.0	0.0	0	0	256	0	0	0	0	256	0	0	256
1800 OTHER SMALL GRAINS	1	0.0	0.0	0.0	0.0	0	0	60	0	0	0	0	60	0	0	60
2000 FORAGE CROPS	4	0.0	0.0	0.0	0.0	0	0	992	0	0	0	0	992	0	0	992
2100 COTTON	3	0.0	0.0	0.0	0.0	0	0	239	0	0	0	0	239	0	0	239
2300 SOYBEANS	4	0.0	0.0	0.0	0.0	0	0	211	0	0	0	0	211	0	0	211
2500 OTHER OILSEED CROPS	1	0.0	0.0	0.0	0.0	0	0	63	0	0	0	0	63	0	0	63
3100 DAIRY CATTLE	1	0.0	0.0	0.0	0.0	0	0	67	0	0	0	0	67	0	0	67
3400 OTHER ANIMALS	1	0.0	0.0	0.0	0.0	0	0	45	0	0	0	0	45	0	0	45
3800 FOOD	38	0.0	0.0	0.0	0.0	0	0	5772	0	0	0	0	5772	0	0	5772
4000 PEOPLE AS INDIVIDUAL	1	0.0	0.0	0.0	0.0	0	0	105	0	0	0	0	105	0	0	105
6100 WEEDS	1	0.0	0.0	0.0	0.0	0	0	80	0	0	0	0	80	0	0	80
6300 BIO CELL SYSTEMS	53	0.0	0.0	0.0	0.0	0	0	2764	0	0	0	0	2764	0	0	2764
6500 INVERTEBRATES	4	0.0	0.0	0.0	0.0	0	0	215	0	0	0	0	215	0	0	215
6600 MICROORGANISMS,VIRUS	30	0.0	0.0	0.0	0.0	0	0	1538	0	0	0	0	1538	0	0	1538
6700 PLANTS	48	0.0	0.0	0.0	0.0	0	0	2174	0	0	0	0	2174	0	0	2174
TOTAL	222	0.0	0.0	0.0	0.0	0	0	16324	0	0	0	0	16324	0	0	16324

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H.SUPPORT YEARS SYS	PROF	TECH	OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 200																
201 CNTRL FORST INSECTS	1	0.0	0.0	0.0	0.0	0	0	60	0	0	0	0	60	0	0	60
204 CNTR PESTS FRT & VE	6	0.0	0.0	0.0	0.0	0	0	438	0	0	0	0	438	0	0	438
205 CNTR DISE FRT & VEG	6	0.0	0.0	0.0	0.0	0	0	384	0	0	0	0	384	0	0	384
207 CNTR PESTS FLD CROP	4	0.0	0.0	0.0	0.0	0	0	250	0	0	0	0	250	0	0	250
208 CNTR DIS FIELD CROP	13	0.0	0.0	0.0	0.0	0	0	837	0	0	0	0	837	0	0	837
209 CNTR WEEDS FLD CROP	1	0.0	0.0	0.0	0.0	0	0	30	0	0	0	0	30	0	0	30
SUBTOTAL	31	0.0	0.0	0.0	0.0	0	0	1999	0	0	0	0	1999	0	0	1999
SERIES 300																
301 GENET BREED FORST T	1	0.0	0.0	0.0	0.0	0	0	81	0	0	0	0	81	0	0	81
304 IMP BIO EFF FRT & V	4	0.0	0.0	0.0	0.0	0	0	170	0	0	0	0	170	0	0	170
307 IMP BIO EFF FLD CRP	12	0.0	0.0	0.0	0.0	0	0	1433	0	0	0	0	1433	0	0	1433
309 PROD MGMT SYS FLD C	1	0.0	0.0	0.0	0.0	0	0	63	0	0	0	0	63	0	0	63
318 NON-COM BIO TECH/EI	110	0.0	0.0	0.0	0.0	0	0	6311	0	0	0	0	6311	0	0	6311
SUBTOTAL	128	0.0	0.0	0.0	0.0	0	0	8058	0	0	0	0	8058	0	0	8058
SERIES 400																
402 PROD F & V IMP ACCE	1	0.0	0.0	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
404 MKT QUAL FRTS & VEG	1	0.0	0.0	0.0	0.0	0	0	80	0	0	0	0	80	0	0	80
SUBTOTAL	2	0.0	0.0	0.0	0.0	0	0	130	0	0	0	0	130	0	0	130
SERIES 700																
702 FOOD PROT FROM TOX	1	0.0	0.0	0.0	0.0	0	0	120	0	0	0	0	120	0	0	120
703 FOOD CONSUMP HABITS	14	0.0	0.0	0.0	0.0	0	0	1747	0	0	0	0	1747	0	0	1747
708 HUMAN NUTRITION	27	0.0	0.0	0.0	0.0	0	0	4270	0	0	0	0	4270	0	0	4270
SUBTOTAL	42	0.0	0.0	0.0	0.0	0	0	6137	0	0	0	0	6137	0	0	6137
SCIENCE IN SERV OF MAN GRAND TOTAL	203	0.0	0.0	0.0	0.0	0	0	16324	0	0	0	0	16324	0	0	16324

ECONOMICS STATISTICS COOPERATIVES SERVIC

TABLE III-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	SUPPORT YEARS PROF	TECH	OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	28	27.3	0.0	0.0	9.1	3222	0	0	0	0	0	119	3341	44	38	3423
0200 WATER	27	13.2	0.0	0.0	3.3	784	0	0	0	0	0	70	854	44	38	936
0300 WATERSHEDS RIVER BAS	6	4.2	0.0	0.0	1.8	418	0	0	0	0	0	24	442	0	0	442
0400 AIR AND CLIMATE	4	4.3	0.0	0.0	0.0	94	0	0	0	0	0	52	146	40	0	186
0900 CITRUS SUB TROP FRUT	11	4.8	0.0	0.0	2.7	251	2	0	0	0	0	0	254	9	0	263
1000 FRUIT NUTS DECIDUOUS	11	5.1	0.0	0.0	2.8	265	2	0	0	0	0	0	268	9	0	276
1100 POTATOES	9	2.0	0.0	0.0	1.1	98	2	0	0	0	0	0	100	4	0	104
1200 VEGETABLES	11	7.5	0.0	0.0	3.8	374	5	0	0	0	0	0	379	15	0	394
1300 ORNAMENTALS TURF	3	0.0	0.0	0.0	0.0	3	1	0	0	0	0	0	4	1	0	5
1400 CORN	33	7.4	0.0	0.0	3.8	410	31	0	0	0	0	0	441	2	0	443
1500 GRAIN SORGHUM	23	3.0	0.0	0.0	1.2	159	5	0	0	0	0	0	164	1	0	165
1600 RICE	22	3.0	0.0	0.0	1.2	159	0	0	0	0	0	0	159	1	0	160
1700 WHEAT	29	6.7	0.0	0.0	3.6	379	21	0	0	0	0	0	401	2	0	402
1800 OTHER SMALL GRAINS	22	2.1	0.0	0.0	0.8	108	0	0	0	0	0	0	108	1	0	109
2000 FORAGE CROPS	21	2.0	0.0	0.0	0.8	104	0	0	0	0	0	0	104	0	0	105
2100 COTTON	17	13.5	0.0	0.0	5.8	723	5	0	0	0	0	0	728	16	0	744
2200 COTTONSEED	1	1.7	0.0	0.0	2.1	111	0	0	0	0	0	0	111	5	0	116
2300 SOYBEANS	19	8.3	0.0	0.0	3.4	422	26	0	0	0	0	0	448	2	0	450
2400 PEANUTS	4	1.1	0.0	0.0	0.6	55	0	0	0	0	0	0	55	1	0	56
2500 OTHER OILSEED CROPS	1	0.2	0.0	0.0	0.3	16	0	0	0	0	0	0	16	1	0	17
2900 POULTRY	25	6.9	0.0	0.0	7.8	498	61	0	0	0	0	0	559	0	0	559
3000 BEEF CATTLE	25	11.7	0.0	0.0	5.7	653	43	0	0	0	0	0	697	7	0	704
3100 DAIRY CATTLE	20	14.1	0.0	0.0	8.5	856	31	0	0	0	0	0	888	0	0	888
3200 SWINE	23	8.5	0.0	0.0	4.4	468	43	0	0	0	0	0	512	7	0	519
3300 SHEEP AND WOOL	6	1.2	0.0	0.0	1.0	68	2	0	0	0	0	0	71	3	0	74
3600 FARM SUPP & FACILITS	14	27.2	0.0	0.0	7.0	2394	24	0	0	0	0	0	2418	36	0	2454
3800 FOOD	12	48.2	0.0	0.0	18.5	3425	0	107	0	0	0	0	3532	256	0	3788
3900 HOUSING & EQUIP	7	3.7	0.2	0.0	0.6	171	0	0	0	0	0	15	186	0	0	186
4000 PEOPLE AS INDIVIDUAL	7	17.7	0.0	0.0	8.8	1304	0	0	0	0	0	0	1304	21	0	1325
4100 FAMILY MEMBERS	11	9.9	0.5	0.0	1.6	514	0	33	0	0	0	0	547	290	0	837
4200 FARM AS BUSINESS	8	18.6	0.0	0.0	4.3	1146	30	0	0	0	0	0	1175	0	0	1175
4300 SOC POLIT ORGANIZ	29	27.4	2.5	0.0	9.0	1492	0	103	0	0	0	0	1594	439	0	2034
4400 AGRIC ECONOMY U S	20	35.2	0.0	0.0	26.7	2424	31	16	0	0	0	0	2472	5	15	2492
4500 AGRIC ECONOMY FORGN	24	67.5	0.0	0.0	0.0	4164	0	0	0	0	0	0	4164	90	0	4254
4600 FARM COOPERATIVES	37	20.4	0.0	0.0	0.0	1191	0	0	0	0	0	173	1364	0	0	1364
4800 MARKETING SYSTEMS	5	26.0	0.0	0.0	10.2	1590	0	0	0	0	0	0	1590	20	0	1610
6400 EXP DESIGN/STAT METH	1	7.0	1.0	1.0	1.0	200	0	0	0	0	0	0	200	0	0	200
6700 PLANTS	10	3.7	0.0	0.0	3.1	227	18	0	0	0	0	0	245	21	0	266
6800 ANIMALS(VERTEBRATES)	9	2.4	0.0	0.0	2.3	153	18	0	0	0	0	0	171	10	0	181
TOTAL	595	474.5	4.2	1.0	168.5	31097	402	258	0	0	0	454	32212	1401	90	33703

ECONOMICS STATISTICS COOPERATIVES SERVIC

TABLE III-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	SUPPORT YEARS PROF	TECH	OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100																
103 MGMT OF SALINE SOIL	1	1.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	25	0	25
104 ALTERN USE OF LAND	16	29.4	0.0	0.0	11.3	3422	0	0	0	0	0	122	3544	63	0	3607
105 CONSERV USE OF WATE	1	0.1	0.0	0.0	0.0	4	0	0	0	0	0	7	11	0	0	11
108 ECON LEG PROB OF WA	4	5.7	0.0	0.0	2.9	704	0	0	0	0	0	30	734	0	0	734
109 WEATHER ADAPT & MOD	1	0.2	0.0	0.0	0.0	8	0	0	0	0	0	16	24	0	0	24
SUBTOTAL	23	36.4	0.0	0.0	14.2	4138	0	0	0	0	0	175	4313	88	0	4401
SERIES 300																
309 PROD MGMT SYS FLD C	4	3.0	0.0	0.0	0.8	141	0	0	0	0	0	0	141	4	0	144
312 ENV STRESS IN ANML	1	0.6	0.0	0.0	1.2	61	0	0	0	0	0	0	61	0	0	61
313 PROD MGMT SYS ANML	1	1.2	0.0	0.0	0.0	55	0	0	0	0	0	0	55	0	0	55
SUBTOTAL	6	4.8	0.0	0.0	2.0	257	0	0	0	0	0	0	257	4	0	261
SERIES 500																
501 IMP GRADES & STANDS	2	1.3	0.0	0.0	0.1	52	0	0	0	0	0	0	52	6	0	58
503 MKTG EFF AGRI PRODS	18	9.1	0.0	0.0	3.8	478	98	0	0	0	0	0	575	0	0	575
506 SPLY DEMAND AND PRI	45	87.2	0.0	0.0	60.9	5334	166	39	0	0	0	1	5540	86	0	5626
507 COMP REL IN AGRIC	8	9.8	0.0	0.0	3.6	521	0	0	0	0	0	0	521	51	0	572
508 DOMESTIC MKT DEVELP	2	10.7	0.0	0.0	2.0	671	5	0	0	0	0	0	676	0	0	676
509 PERFORMANCE MKTG SY	37	60.0	0.0	0.0	25.9	4138	57	68	0	0	0	17	4279	123	0	4402
510 GROUP ACT MKT POWER	35	19.9	0.0	0.0	0.0	1183	0	0	0	0	0	156	1339	0	0	1339
511 IMP AGRIC STATISTIC	1	7.0	1.0	1.0	1.0	200	0	0	0	0	0	0	200	0	0	200
SUBTOTAL	148	204.9	1.0	1.0	97.2	12576	325	107	0	0	0	174	13183	266	0	13449
SERIES 600																
601 FGN MKT DEVELP	24	67.5	0.0	0.0	0.0	4164	0	0	0	0	0	0	4164	90	0	4254
SUBTOTAL	24	67.5	0.0	0.0	0.0	4164	0	0	0	0	0	0	4164	90	0	4254
SERIES 700																
703 FOOD CONSUMP HABITS	2	8.4	0.0	0.0	2.0	321	0	0	0	0	0	0	321	156	0	477
SUBTOTAL	2	8.4	0.0	0.0	2.0	321	0	0	0	0	0	0	321	156	0	477
SERIES 800																
801 RURAL HOUSING	7	4.7	0.4	0.0	1.7	252	0	18	0	0	0	0	270	142	0	412
804 ECON POTENT RURL PE	6	9.2	0.3	0.0	1.5	483	0	15	0	0	0	0	498	149	0	647
806 ADJUSTMENT TO CHANG	7	15.2	0.0	0.0	7.8	1184	0	0	0	0	0	0	1184	52	0	1236
807 AGRIC ECONOMIC CHAN	21	44.8	0.0	0.0	21.7	2942	30	16	0	0	0	0	2988	0	15	3003
808 GOV'T PROGRAMS	21	23.7	0.0	0.0	11.4	1389	46	0	0	0	0	0	1435	5	0	1440
SUBTOTAL	62	97.6	0.7	0.0	44.1	6251	76	49	0	0	0	0	6375	347	15	6738
SERIES 900																
901 ALLEV POLLUTION	20	27.5	0.0	0.0	0.0	1896	0	0	0	0	0	105	2001	40	75	2116
905 TREES BEAUTIFICATIO	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0
906 ORNAMENT & TURF DEV	2	0.0	0.0	0.0	0.0	3	1	0	0	0	0	0	3	1	0	5
907 RURAL INCOME IMP	6	9.2	0.0	0.0	3.6	645	0	51	0	0	0	0	696	0	0	696
908 RURAL INSTITUT IMP	23	18.2	2.5	0.0	5.4	847	0	52	0	0	0	0	899	408	0	1307
SUBTOTAL	52	54.9	2.5	0.0	9.0	3391	1	103	0	0	0	105	3599	450	75	4124
SCIENCE IN SERV OF MAN GRAND TOTAL	317	474.5	4.2	1.0	168.5	31097	402	258	0	0	0	454	32212	1401	90	33703

U S FOREST SERVICE

TABLE III-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS SYS	I.H.SUPPORT PROF	I.H.SUPPORT TECH	I.H.SUPPORT OTHER	REG IN HOUSE	C G SAES	CA CN GT	OTHER SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	5	10.3	6.2	7.2	5.6	1180	0	0	0	0	62	0	1242	200	0	1442
0200 WATER	9	13.0	2.9	9.4	7.5	1243	0	0	0	0	55	0	1298	281	0	1580
0300 WATERSHEDS RIVER BAS	32	88.2	6.6	62.9	20.6	7864	0	0	0	0	1052	0	8916	1905	0	10822
0400 AIR AND CLIMATE	2	4.4	0.0	3.0	1.1	402	0	0	0	0	17	0	419	20	0	438
0500 RECREATION RESOURCES	20	30.6	7.8	10.1	9.9	3888	0	0	0	0	1638	0	5526	690	0	6216
0600 TIMBER FORST PRODUCT	193	713.9	128.1	464.7	201.9	67024	0	0	0	0	5879	0	72902	4788	0	77690
0700 RANGE	20	33.4	8.0	12.7	7.5	3580	0	0	0	0	361	0	3941	892	0	4833
0800 WILDLIFE AND FISH	31	62.5	5.9	34.1	13.2	5140	0	0	0	0	692	0	5832	724	0	6556
3900 HOUSING & EQUIP	4	13.9	1.0	15.7	3.1	1034	0	0	0	0	148	0	1182	37	0	1219
TOTAL	316	970.0	166.5	619.8	270.5	91355	0	0	0	0	9902	0	101257	9539	0	110796

U S FOREST SERVICE

TABLE III-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS SYS	I.H.SUPPORT PROF	I.H.SUPPORT TECH	I.H.SUPPORT OTHER	REG IN HOUSE	C G SAES	CA CN GT	OTHER SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100																
102 SOIL PLNT WTR NUTRI	1	2.0	0.4	1.2	0.4	150	0	0	0	0	17	0	167	48	0	215
105 CONSERV USE OF WATE	1	1.3	0.0	0.5	1.1	125	0	0	0	0	3	0	128	49	0	177
107 WATERSHED PROT & MG	35	94.2	7.4	67.4	25.9	8635	0	0	0	0	959	0	9594	1836	0	11430
108 ECON LEG PROB OF WA	1	3.6	0.0	3.2	0.4	204	0	0	0	0	93	0	297	107	0	403
110 APPRAIS FORST & RAN	13	64.3	59.8	32.8	21.6	10051	0	0	0	0	474	0	10525	325	0	10850
111 BIOL CULT MGMT FORS	61	184.6	18.7	149.5	53.4	15474	0	0	0	0	1058	0	16532	2006	0	18538
112 IMPROV RANGE RESOR	5	10.8	4.3	5.1	2.9	1239	0	0	0	0	132	0	1371	701	0	2072
SUBTOTAL	117	360.7	90.5	259.7	105.7	35877	0	0	0	0	2737	0	38614	5072	0	43686
SERIES 200																
201 CNTRL FORST INSECTS	33	101.7	10.4	71.5	30.8	10511	0	0	0	0	862	0	11373	341	0	11714
202 CONTROL FOREST DIS	26	65.9	7.6	39.7	21.0	6374	0	0	0	0	401	0	6775	284	0	7059
203 FOREST FIRE PROTECT	16	68.5	6.5	29.2	16.8	6737	0	0	0	0	744	0	7481	445	0	7926
214 PROTECT FROM POLLUT	3	8.3	2.5	6.9	3.8	1865	0	0	0	0	135	0	2000	244	0	2244
SUBTOTAL	78	244.4	27.0	147.2	72.4	25486	0	0	0	0	2143	0	27629	1314	0	28943
SERIES 300																
301 GENET BREED FORST T	12	33.6	2.4	47.3	10.6	3422	0	0	0	0	56	0	3478	187	0	3665
302 IMP FOREST ENG SYS	4	13.0	1.8	8.3	3.7	1552	0	0	0	0	220	0	1772	87	0	1859
303 ECON TIMBER PRODUCT	4	13.2	0.1	0.1	4.1	690	0	0	0	0	105	0	795	25	0	820
SUBTOTAL	20	59.8	4.2	55.6	18.4	5663	0	0	0	0	382	0	6045	299	0	6343
SERIES 400																
401 NEW IMP FOREST PROD	25	119.9	16.5	77.2	20.2	10610	0	0	0	0	1413	0	12022	381	0	12403
SUBTOTAL	25	119.9	16.5	77.2	20.2	10610	0	0	0	0	1413	0	12022	381	0	12403
SERIES 500																
502 MKTG TIMBER PRODUCT	11	40.3	3.0	12.1	15.3	2563	0	0	0	0	531	0	3094	58	0	3152
512 IMP GRADES FRST PRO	2	9.0	2.1	4.2	1.3	633	0	0	0	0	15	0	648	24	0	672
513 PRICE ANAL FRST PRO	3	9.8	0.6	3.7	1.7	493	0	0	0	0	56	0	549	0	0	549
SUBTOTAL	16	59.1	5.7	20.0	18.3	3689	0	0	0	0	602	0	4290	83	0	4373
SERIES 800																
801 RURAL HOUSING	2	6.0	1.0	5.5	1.8	452	0	0	0	0	51	0	504	19	0	523
SUBTOTAL	2	6.0	1.0	5.5	1.8	452	0	0	0	0	51	0	504	19	0	523
SERIES 900																
901 ALLEV POLLUTION	8	16.8	1.1	10.7	7.2	1478	0	0	0	0	141	0	1618	373	0	1992
902 OUTDOOR RECREATION	13	20.9	4.1	3.8	6.1	1777	0	0	0	0	970	0	2747	434	0	3180
903 MULTI-USE-FOREST PO	9	18.0	12.5	3.6	7.2	1298	0	0	0	0	788	0	2086	788	0	2874
904 WLDLFE AND FISH ECO	28	59.8	3.9	32.2	12.2	4662	0	0	0	0	654	0	5317	703	0	6020
905 TREES BEAUTIFICATIO	3	4.5	0.0	4.2	1.0	363	0	0	0	0	22	0	386	73	0	459
SUBTOTAL	61	120.0	21.6	54.5	33.7	9578	0	0	0	0	2575	0	12153	2372	0	14525
SCIENCE IN SERV OF MAN																
GRAND TOTAL	319	970.0	166.5	619.8	270.5	91355	0	0	0	0	9902	0	101257	9539	0	110796

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-E-8 SUMMARY BY AGENCY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

	NO OF PROJ	STAFF YEARS SYS	I.H. PROF	SUPPORT TECH	OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
AGRICULTURAL RESEARCH	2619	3120.6	*	*	*	298922	7446	4136	0	0	0	0	310504	11943	699	323146
COOPERATIVE RESEARCH	220	0.0	0.0	0.0	0.0	0	23707	0	0	0	0	0	23707	0	0	23707
COMPETITIVE RESEARCH GRAN	198	0.0	0.0	0.0	0.0	0	0	16324	0	0	0	0	16324	0	0	16324
ECONOMICS STATISTICS COOP	308	474.5	4.2	1.0	168.5	31097	402	258	0	0	0	454	32212	1401	90	33703
U S FOREST SERVICE	240	970.0	166.5	619.8	270.5	91355	0	0	0	0	9902	0	101257	9539	0	110796
TOTAL	3585	4565.1	*	*	6857.7	421375	31555	20718	0	0	9902	454	484004	22883	789	507676

TABLE IV-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS SYS	PROF	TECH	OTHER	HATH	REF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	1192	380.6	393.0	325.6	256.7	3945	1279	420	795	21	6461	920	4285	17882	1152	2767	2612	36079
0200 WATER	730	203.0	221.3	175.2	153.6	1680	672	163	434	4	2953	613	3124	8542	553	953	1523	18260
0300 WATERSHEDS RIVER BAS	131	35.9	36.5	27.0	24.6	215	120	157	76	1	569	347	505	1470	25	78	219	3212
0400 AIR AND CLIMATE	145	41.8	40.6	21.0	26.2	344	257	61	41	0	703	129	544	1905	76	232	94	3683
0500 RECREATION RESOURCES	196	52.6	52.4	29.5	24.7	284	358	477	59	4	1182	158	671	1872	16	120	267	4287
0600 TIMBER FORST PRODUCT	1297	460.6	435.1	318.0	262.6	1068	6227	399	88	4	9181	2466	4186	19253	865	2243	1813	40006
0700 RANGE	277	71.9	62.6	45.7	46.2	705	56	121	61	0	943	277	626	3792	359	413	127	6537
0800 WILDLIFE AND FISH	641	193.2	236.0	182.7	161.1	1187	257	593	450	0	2486	469	4464	8346	483	1807	1856	19912
0900 CITRUS SUB TROP FRUT	285	131.2	85.3	111.9	191.2	927	117	0	39	0	1082	155	390	9473	186	310	175	11772
1000 FRUIT NUTS DECIDUOUS	1019	346.5	217.0	369.1	379.1	3873	1131	19	370	0	5393	368	467	22500	921	1487	617	31752
1100 POTATOES	288	89.1	61.3	93.3	80.1	1016	441	0	134	0	1591	40	149	4803	220	926	273	8002
1200 VEGETABLES	1322	431.3	294.7	383.2	483.0	5186	1068	1	1142	0	7397	610	1064	24657	890	2063	412	37092
1300 ORNAMENTALS TURF	611	210.6	132.6	211.7	195.3	2321	310	6	81	0	2719	178	332	12644	363	885	354	17474
1400 CORN	819	184.9	175.4	178.5	176.2	3265	703	1	143	2	4113	646	930	10324	740	1329	328	18410
1500 GRAIN SORGHUM	301	55.1	41.8	60.6	48.9	646	153	0	18	0	817	84	97	3099	407	182	18	4705
1600 RICE	110	38.2	21.2	28.8	29.5	291	15	0	3	0	309	75	17	2680	82	274	32	3469
1700 WHEAT	605	141.6	130.6	157.3	106.3	1756	407	0	304	1	2468	181	309	7388	842	958	570	12716
1800 OTHER SMALL GRAINS	395	82.7	59.3	93.4	68.9	1166	129	0	645	0	1940	171	127	4172	409	652	176	7648
1900 PASTURE	174	36.5	10.6	41.3	52.9	432	42	0	38	1	513	228	38	2805	252	93	17	3946
2000 FORAGE CROPS	889	250.8	166.5	257.5	254.1	3723	1122	0	529	1	5375	267	1528	14392	1032	689	386	23668
2100 COTTON	368	122.9	70.4	107.1	117.8	1385	645	0	262	11	2302	589	424	6767	436	1218	334	12071
2200 COTTONSEED	17	3.4	1.7	3.7	1.9	40	11	0	18	0	70	5	11	135	1	35	10	265
2300 SOYBEANS	812	212.2	206.5	195.2	198.0	3140	951	0	1558	1	5650	480	1024	11227	813	1689	667	21550
2400 PEANUTS	150	47.4	23.1	67.0	48.7	400	28	0	258	0	686	101	58	2972	132	359	168	4477
2500 OTHER OILSEED CROPS	89	20.3	20.0	14.0	16.3	206	34	0	28	1	269	59	60	1404	106	114	55	2067
2600 TOBACCO	167	59.7	40.7	75.7	88.8	872	19	0	28	0	919	40	32	4496	289	225	239	6240
2700 SUGAR CROPS	173	59.6	24.2	40.6	117.7	962	43	0	7	0	1013	23	176	3171	314	356	18	5070
2800 MISC NEW CROPS	113	29.2	18.9	23.9	48.4	248	152	0	12	0	411	48	144	1865	129	223	172	2992
2900 POULTRY	709	253.6	170.9	345.7	280.7	4272	1529	0	500	20	6321	341	1272	15497	1291	702	608	26032
3000 BEEF CATTLE	1188	398.7	292.0	587.7	573.2	6723	3186	1	1282	0	11192	863	1915	29558	1553	1678	796	57556
3100 DAIRY CATTLE	996	312.1	255.6	371.1	464.0	6022	1895	0	520	0	8437	442	1751	22300	4200	1710	867	39708
3200 SWINE	526	164.6	131.6	220.6	269.6	2996	689	0	737	0	4422	237	1372	11170	3263	1048	158	21670
3300 SHEEP AND WOOL	328	75.3	53.0	93.7	86.6	1230	519	1	62	0	1813	60	216	5437	753	295	391	8964
3400 OTHER ANIMALS	386	93.7	94.7	120.2	74.4	1382	118	0	360	0	1860	92	1516	4812	429	405	92	9206
3500 BEES AND HONEY	45	17.9	14.0	6.6	7.5	148	91	0	0	0	239	16	39	814	23	74	20	1225
3600 FARM SUPP & FACILITS	99	29.3	18.7	17.0	16.5	346	26	0	349	0	721	22	173	1105	277	96	51	2446
3700 CLOTHING & TEXTILES	68	16.4	11.7	4.8	10.2	231	111	0	105	0	447	16	2	637	9	9	7	1125
3800 FOOD	509	145.6	150.8	119.6	106.9	2128	1059	0	1108	0	4296	142	2007	6214	175	558	383	13776
3900 HOUSING & EQUIP	225	55.6	47.4	42.6	41.4	572	179	34	213	6	1003	451	414	2461	63	356	103	4851
4000 PEOPLE AS INDIVIDUAL	732	200.5	202.3	131.3	157.0	1993	848	14	2605	174	5634	332	2312	6891	315	398	437	16319
4100 FAMILY MEMBERS	235	62.6	67.7	23.6	43.6	517	438	0	753	40	1748	26	290	1942	46	227	155	4434
4200 FARM AS BUSINESS	207	67.6	43.1	19.3	59.8	1013	118	0	154	0	1285	168	483	2211	79	53	341	4621
4300 SOC POLIT ORGANIZ	421	129.1	120.5	46.7	75.6	1860	575	19	533	526	3514	252	620	3912	173	229	464	9164
4400 AGRIC ECONOMY U S	106	31.7	36.0	14.8	31.3	485	108	0	101	0	694	160	179	1320	43	24	39	2458
4500 AGRIC ECONOMY FORGN	30	11.5	12.9	10.4	15.3	79	0	0	0	0	79	120	48	358	19	6	34	664
4600 FARM COOPERATIVES	47	8.0	9.3	8.3	6.7	154	34	0	130	0	318	27	12	231	8	20	0	615
4700 OTH MARKET PROCESS	42	7.4	4.0	4.7	4.7	133	29	0	0	0	162	31	31	257	9	41	9	541
4800 MARKETING SYSTEMS	111	32.5	20.5	14.6	24.4	453	235	3	169	0	860	244	52	817	35	78	32	2117
6100 WEEDS	56	13.2	13.9	12.0	8.7	186	18	0	44	0	249	21	64	689	37	71	33	1164
6200 SEED RESEARCH	30	10.4	8.3	14.0	7.8	107	17	0	0	0	124	5	85	395	255	31	4	900
6300 BIO CELL SYSTEMS	219	81.9	117.9	65.2	36.5	755	43	0	40	0	838	19	3070	3428	105	186	242	7887
6400 EXP DESIGN/STAT METH	71	26.0	15.4	13.9	21.1	182	4	4	22	0	213	520	131	1367	77	49	17	2374
6500 INVERTEBRATES	251	107.6	128.6	67.4	56.1	742	78	0	66	0	885	214	2133	5288	166	373	176	9235
6600 MICROORGANISMS,VIRUS	237	86.2	98.4	95.8	58.7	758	77	0	23	0	858	43	2958	3877	101	399	163	8399
6700 PLANTS	673	215.5	218.1	188.1	161.9	2153	692	2	1305	3	4155	361	2376	11565	909	1057	858	21281
6800 ANIMALS(VERTEBRATES)	339	117.4	117.9	137.3	99.7	988	287	1	137	0	1413	300	2684	5939	399	348	690	11774
6900 RESEARCH ON RSCH MGM	23	8.9	3.7	6.0	2.7	53	43	0	0	0	96	110	100	477	4	17	11	815
7000 RSCH EQUIP & TECHNOL	111	26.3	37.1	15.6	20.5	157	80	77	0	0	314	177	768	1328	46	109	57	2800
9900 UNCLASSIFIED	64	136.1	279.0	336.3	260.7	546	135	34	0	67	783	951	3001	8602	3104	1378	1634	19453
TOTAL	22400	6936.1	6074.3	6793.1	6742.7	80650	24401	9608	18942	887	134489	16488	57856	374933	40061	34704	22407	680937

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	RRP	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RES	215	77.3	66.0	56.8	46.6	772	172	54	36	2		1036	138	851	3323	200	586	1174	7307
102 SOIL PLNT WTR NUTRI	563	166.5	147.8	162.9	117.5	1804	423	262	150	3		2642	238	1400	8803	811	836	795	15525
103 MGMT OF SALINE SOIL	59	17.3	18.7	13.5	12.5	96	84	0	3	0		183	87	283	969	61	63	55	1702
104 ALTERN USE OF LAND	184	54.7	62.9	19.6	36.0	636	200	109	1	10		956	248	871	1762	50	481	240	4609
105 CONSERV USE OF WATE	249	57.7	46.8	39.4	43.4	459	177	28	14	4		682	241	882	2707	240	183	252	5187
106 DRAIN AND IRRIGATIO	121	31.7	27.8	21.1	21.3	283	47	9	4	0		342	122	463	1730	183	92	66	2999
107 WATERSHED PROT & MG	157	48.3	70.4	60.5	40.4	294	113	300	114	8		829	460	1212	2298	44	226	889	5957
108 ECON LEG PROB OF WA	41	15.5	19.1	7.3	16.3	197	12	0	0	0		208	48	111	589	1	13	34	1004
109 WEATHER ADAPT & MOD	126	36.3	31.0	20.7	26.9	329	285	60	29	0		702	71	479	1626	78	177	106	3240
110 APPRAIS FORST & RAN	129	25.6	21.4	8.5	12.8	75	3	420	0	0		497	116	218	950	20	40	47	1888
111 BIOL CULT MGMT FORS	404	119.3	130.7	84.6	84.9	190	312	541	36	0		2798	649	755	5454	520	464	461	11100
112 IMPROV RANGE RESOR	182	46.6	43.1	32.4	36.2	409	37	63	40	0		549	150	403	2689	307	338	90	4528
113 REMOTE SENSING	52	11.6	20.7	8.3	11.6	55	14	107	0	0		176	204	498	389	26	22	30	1344
114 RSCH ON MGMT OF RSC	23	8.9	3.7	6.0	2.7	53	43	0	0	0		96	110	100	477	4	17	11	815
SUBTOTAL	2505	717.2	710.2	541.7	509.1	5652	1642	3954	426	26		11700	2883	8525	33767	2546	3537	4249	67206
SERIES 200																		
201 CNTRL FORST INSECTS	205	59.6	59.2	43.4	22.4	167	142	716	0	0		1025	571	1277	2013	45	137	197	5265
202 CONTROL FOREST DIS	139	38.1	35.7	25.2	17.8	132	103	669	35	2		941	132	138	1667	31	72	82	3064
203 FOREST FIRE PROTECT	15	1.3	2.1	1.9	0.4	1	0	8	0	0		9	27	7	79	32	1	4	158
204 CNTR PESTS FRT & VE	377	130.1	105.6	115.3	116.8	1363	321	0	205	0		1889	324	406	7703	237	733	255	11546
205 CNTR DISE FRT & VEG	671	219.9	148.7	206.9	218.6	2212	435	19	240	0		2906	290	259	13093	413	1134	236	18330
206 CNTR WEEDS FRT & VE	172	45.3	32.0	48.3	43.5	601	108	0	143	0		852	18	66	2441	122	320	98	3918
207 CNTR PESTS FLD CROP	493	168.8	138.8	136.0	130.9	2562	732	0	358	11		3664	820	765	8428	358	1147	271	15452
208 CNTR DIS FIELD CROP	676	211.5	151.7	214.5	173.6	3107	714	0	511	0		4332	294	358	10988	456	1261	389	18079
209 CNTR WEEDS FLD CROP	292	85.5	82.3	82.7	86.1	1207	269	0	90	5		1570	138	45	5277	574	1183	281	9068
210 CONTR PESTS ANIMALS	104	29.5	16.4	22.0	13.2	464	22	0	48	20		553	219	30	1353	85	125	60	2425
211 CONTR DIS ANIMALS	458	224.1	143.0	293.4	169.6	2384	1508	0	321	0		4213	1004	1245	13020	971	704	724	21882
212 CNTR INTER PARASITE	92	32.5	15.1	37.4	31.3	463	171	0	1	0		634	5	54	1892	107	396	7	3095
213 PROT ANMLS FROM TOX	88	16.8	15.0	27.9	20.3	232	124	0	0	0		356	43	218	1402	141	67	84	2311
214 PROTECT FROM POLLUT	252	54.9	73.5	64.3	46.2	560	230	79	347	3		1219	255	1002	2936	76	424	152	6064
SUBTOTAL	4034	1317.8	1019.0	1319.1	1090.7	15453	4878	1492	2299	42		24164	4139	5869	72290	3648	7704	2840	120656
SERIES 300																		
301 GENET BREED FORST T	124	34.2	36.3	42.7	28.2	73	160	904	0	0		1138	150	130	2115	26	297	54	3909
302 IMP FOREST ENG SYS	35	13.0	9.1	7.2	6.5	35	1	169	0	0		205	16	54	462	28	164	59	989
303 ECON TIMBER PRODUCT	49	16.4	14.4	8.1	10.6	0	0	251	0	0		251	180	194	570	10	59	168	1431
304 IMP BIO EFF FRT & V	1003	349.6	194.2	360.3	494.5	3492	683	1	670	0		4846	211	756	23913	927	1291	519	32463
305 MECH PRCD FRT & VEG	155	42.6	18.8	41.6	40.1	490	119	0	29	0		638	33	9	2674	60	316	25	3755
306 PROD MGMT SYS F & V	87	21.3	7.3	15.4	29.7	243	24	0	1	0		267	61	5	1266	94	54	11	1758
307 IMP BIO EFF FLD CRP	1603	627.6	441.3	726.2	759.5	7817	1628	1	2105	1		11552	1224	2601	40352	4138	3469	2182	65517
308 MECH PROD FIELD CRO	113	30.2	28.1	31.4	27.7	392	132	0	10	0		534	125	127	1878	127	356	98	3244
309 PROD MGMT SYS FLD C	234	56.2	32.1	51.5	56.6	927	139	0	117	0		1183	90	101	3390	320	268	140	5492
310 ANIMAL REPRODUCTION	440	178.7	166.9	254.8	282.9	2877	1154	0	615	0		4647	149	2837	11596	2926	557	597	23308
311 IMP BIO EFF ANML PR	1233	466.6	344.9	788.5	809.7	8893	2373	2	1252	0		12520	362	2066	40619	13659	2764	984	72975
312 ENV STRESS IN ANML	174	55.6	35.8	56.6	58.8	710	333	0	30	0		1072	99	211	3623	518	237	23	5783
313 PROD MGMT SYS ANML	280	69.0	49.2	64.8	137.8	1207	301	0	295	0		1803	76	186	5663	1472	209	428	9836
314 BEES OTH POLLNTNG I	45	17.9	14.0	6.6	7.5	148	91	0	0	0		239	16	39	814	23	74	20	1225
315 IMP STRUC FARM SUPP	117	40.4	26.9	33.0	24.5	477	4	0	330	0		811	400	160	1681	315	198	93	3658
316 FARM BUSINESS MGMT	159	54.0	36.8	15.0	46.9	839	92	0	43	0		974	137	440	1784	67	52	56	3511
317 MECH/STRUCTS ANML P	70	16.0	8.3	13.4	17.0	226	21	0	20	0		266	71	34	806	52	57	56	1342
318 NON-COM BIO TECH/BI	1039	424.8	497.1	357.3	253.2	3630	272	8	189	0		4098	273	1472	20495	932	1380	826	39477
SUBTOTAL	6960	2514.2	1961.3	2874.3	3091.7	32477	7525	1335	5706	1		47044	3674	8421	163701	25693	11803	6338	279673
SERIES 400																		
401 NEW IMP FOREST PROD	184	98.3	65.5	57.5	44.3	186	131	108	0	0		1307	330	542	3578	120	776	112	6763
402 PROD F & V IMP ACCE	249	49.7	38.4	54.5	64.0	610	86	0	89	0		785	27	18	3593	77	260	83	4843
403 NEW & IMP F&V PROD	194	64.8	57.6	51.3	67.7	1040	91	0	36	0		1168	93	358	3925	140	326	142	6151
404 MKT QUAL FRTS & VEG	192	55.2	58.9	61.6	55.9	961	512	0	51	0		1524	47	130	3118	108	354	109	5391
405 PROD FLD CROP IMP A	240	69.9	46.9	66.9	63.6	964	261	0	207	0		1433	52	178	3621	335	354	123	6097
406 NEW IMP FOOD FLD CR	139	39.7	46.0	36.0	24.7	673	109	0	240	0		1022	1	355	1731	187	184	48	3529
407 NEW IMP NON-FOOD FC	40	14.8	15.7	10.2	17.7	220	39	0	0	0		260	0	91	662	87	65	3	1167
408 MKT QUAL FIELD CROP	82	21.4	16.0	15.2	14.1	327	17	0	1	0		345	136	26	1023	20	134	28	1712
409 PROD ANML PR IMP AC	160	43.6	33.5	58.5	52.3	1159	435	0	284	0		1878	57	407	2437	921	119	40	5859
410 IMP MEAT MILK EGG P	271	85.6	103.5	84.2	86.8	1914	195	0	23	0		2132	21	517	4521	525	402	228	8346
411 IMP NON-FOOD ANML P	19	4.3	2.2	1.3	8.0	51	0	0	0	0		51	0	15	234	7	2	19	329
412 MKT QUAL ANIMAL PRO	126	30.6	27.9	30.5	27.0	688	150	3	54	0		895	24	66	1508	76	280	51	2901
SUBTOTAL	1896	577.9	512.0	527.7	526.0	8794	1909	111	986	0		12799	789	2703	29951	2603	3258	985	53087
SERIES 500																		
501 IMP GRADES & STANDS	61	19.1	12.2	15.1	20.6	377	78	0	0	0		456	12	19	848	73	81	60	1549
502 MKTG TIMBER PRODUCT	23	6.2	3.6	3.7	3.1	30	33	21	0	1		86	47	52	117	0	32	337	670
503 MKTG EFF AGRI PRODS	228	55.5	42.2	25.8	42.2	1003	599	0	306	0		1907	211	137	1491	48	149	80	4023
506 SPLY DEMAND AND PRI	166	40.7	34.4	21.3	46.3	725	677	0	1	0		1403	128	63	1516	60	57	45	3271
507 COMP REL IN AGRIC	59	11.8	8.8	3.2	7.9	197	89	0	26	0		313	53	35	344	9	3	18	774
508 DOMESTIC MKT DEVELP	52	9.2	4.5	2.6	8.9	104	108	0	2	0		215	0	10	315	11	10	43	604
509 PERFORMANCE MKTG SY	167	52.8	32.0	23.9	36.6	842	490	3	105	0		1440	225	59	1314	80	77	46	3241
510 GROUP ACT MKT POWER	38	7.1	7.2	1.7	5.1	97	8	0	144	0		248	18	10	203	3	16	12	510
511 IMP AGRIC STATISTIC	32	8.6	5.6	2.2	6.3	71	4	0	16	0		91	458	67	356	3	5	4	984
512 IMP GRADES FRST PRO	15	4.4	4.7	1.5	2.2	6	2	19	0	0		27	82	21	150	2	20	5	307
513 PRICE ANAL FRST PRO	24	5.9	6.7	2.0	2.5	30	0	98	0	1		129	41	52	192	0	24	16	455
SUBTOTAL	865	221.3	161.9	102.9	181.6	3483	2088	141	600	2		6314	1275	523	6847	290	473	666	16387
SERIES 600																		
601 FGN MKT DEVELP	55	13.1	19.5	7.6	15.4	276	107	0	21	0		404	58	9	532	1	16	22	1042
602 EVAL FGN FOOD AID P	3	0.3	0.2	0.0	0.1	4	0	0	0	0		4	0	0	12	0	0	0	17
603 TECH AID DEV CRTY	52	20.0	31.1	10.6	20.3	5	0	12	0	0		17	197	100	438	44	68	76	940
604 PRD DVLPMT/MKTG FRG	8	0.6	0.9	0.7	0.4	12	0	0	0	0		12	3	6	28	1	0	2	52
SUBTOTAL	118	33.9	51.8	18.9	36.1	297	107	12	21	0		437	259	115	1010	45	85	100	2051
SERIES 700																		
701 TOX RES IN FOOD	173	60.4	54.6	47.0	39.9	419	618	0	1356	0		2393	111	544	2243	53	260	55	5659
702 FOOD PRCT FROM TOX	195	59.5	56.0	45.6	37.7	837	391	0	103	0		1332	12	1494	2986	62	286	116	6288
703 FOOD CONSUMP HABITS	184	40.9	31.1	25.9	31.0	410	227	0	762	0		1399	28	262	1046	44	67	44	2891
704 HOME COMM FOOD SERV	50	11.6	13.2	7.8	6.6	150	90	0	41	0		280	42	17	504	37	7	1	889
705 SEL CARE CLOTH & TE	63	15.6	10.6	4.5	9.8	219	102	0	105	0		426	16	2	596	9	2	7	1058
706 CONTR INSECTS AFF M	113	42.1	44.7	25.3	22.8	375	94	8	25	0		502	150	292	2075	28	201	126	3375
707 TRANS ANIML MAN DI	30	7.1	9.4	9.5	1.6	34	13	0	27	0		74	13	352	238	19	12	15	723
708 HUMAN NUTRITION	375	115.5	139.6	117.2	87.1	1249	546	0	1779	0		3575	273	2701	3861	145	286	345	11185
709 REDUCE HAZ HLTH & S	53	12.7	8.7	11.2	8.2	139	57	9	49	0		253	12	16	512	9	102	27	932
SUBTOTAL	1236	365.3	367.9	294.0	244.8	3832	2138	17	4247	0		10234	658	5680	14060	408	1222	737	32998

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS SYS	PROF	TECH	OTHER	MATH	PHYS	SCIEN	SPEC	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 800																		
801 RURAL HOUSING	54	15.2	9.0	7.6	9.3	117	133	0	106	6	362	0	165	391	1	37	9	966
802 INDIV & FAM DEC MAK	185	49.1	57.1	17.0	31.4	460	307	0	393	8	1168	9	187	1604	58	212	117	3355
803 RURAL POVERTY	38	7.9	9.3	4.2	10.2	100	24	0	297	21	441	1	2	182	6	3	6	641
804 ECON POTENT RURL PE	108	27.9	24.7	11.9	22.9	324	124	0	410	159	1016	41	175	721	23	20	103	2100
805 COMMUNICAT RURAL PE	132	32.3	25.2	9.4	22.8	294	27	14	303	22	660	6	174	1621	129	19	352	2962
806 ADJUSTMENT TO CHANG	165	44.8	40.5	15.8	33.0	526	413	0	451	24	1414	45	66	1441	39	36	29	3070
807 AGRIC ECONOMIC CHAN	131	36.0	28.6	13.0	36.5	522	128	0	213	0	862	113	172	1342	33	7	295	2824
808 GOV'T PROGRAMS	35	6.8	4.8	2.6	5.6	97	13	0	0	0	109	31	36	289	3	6	7	482
SUBTOTAL	848	219.9	199.2	81.5	171.7	2439	1168	14	2172	240	6034	245	977	7589	293	341	920	16399
SERIES 900																		
901 ALLEV POLLUTION	678	244.0	272.3	219.1	164.5	2186	1280	152	1310	0	4929	487	3663	10180	385	1937	1108	22688
902 OUTDOOR RECREATION	174	48.0	45.4	28.2	22.5	269	351	395	59	4	1077	150	670	1722	15	110	199	3943
903 MULTI-USE-FOREST PO	76	18.7	20.8	9.4	12.6	17	7	396	0	0	420	51	22	549	11	45	229	1327
904 WLDLFE AND FISH ECO	549	166.6	212.0	165.6	144.0	936	227	466	425	0	2054	448	3537	7268	463	1665	1732	17167
905 TREES BEAUTIFICATIO	103	28.3	23.9	18.7	16.6	192	110	68	42	0	413	50	394	1539	33	102	109	2641
906 ORNAMENT & TURF DEV	590	203.8	129.1	204.1	189.2	2263	309	3	39	0	2613	178	131	12202	362	848	299	16633
907 RURAL INCOME IMP	166	40.5	39.5	21.9	35.8	631	129	0	372	261	1392	135	62	1236	34	71	66	2996
908 RURAL INSTITUT IMP	269	82.4	69.1	29.7	45.2	1181	399	19	239	244	2083	115	562	2420	128	126	196	5631
990 UNCLASSIFIED	64	136.1	279.0	336.3	260.7	546	135	34	0	67	783	951	3001	8602	3104	1378	1634	19453
SUBTOTAL	2669	968.5	1091.0	1033.0	891.0	8223	2947	1532	2486	576	15764	2566	12042	45718	4536	6282	5572	92480
SCIENCE IN SERV OF MAN	21131		6074.3		6742.7		24401		18942		134489		57856		40061		22407	
GRAND TOTAL		6936.1		6793.1		80650		9607		887		16488		374933		34704		680938

SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS PROF	TECH	OTHER	HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	165	51.8	51.0	43.1	22.3	753	359	76	66	14	1268	38	299	1769	98	402	124	3999
0200 WATER	86	30.3	30.2	19.3	13.3	310	54	18	0	0	381	8	215	843	24	264	295	2030
0300 WATERSHEDS RIVER BAS	19	4.7	4.7	2.7	2.2	19	0	51	0	0	70	7	12	271	1	1	55	416
0400 AIR AND CLIMATE	25	7.2	4.7	2.8	2.4	48	16	20	41	0	125	8	19	209	5	17	0	383
0500 RECREATION RESOURCES	48	15.0	16.8	9.9	6.7	96	179	171	0	0	446	8	92	330	2	20	89	987
0600 TIMBER FORST PRODUCT	211	81.0	77.1	36.7	28.0	336	2481	385	0	2	1971	148	299	2125	59	307	358	5267
0700 RANGE	3	0.4	0.3	0.0	1.5	49	30	0	0	0	79	0	0	30	14	0	0	123
0800 WILDLIFE AND FISH	130	38.7	48.3	36.6	21.4	264	27	122	180	0	593	31	736	1105	66	240	653	3424
0900 CITRUS SUB TROP FRUT	5	0.4	1.3	0.1	0.1	7	5	0	0	0	12	0	3	11	0	1	0	27
1000 FRUIT NUTS DECIDUOUS	254	95.7	53.5	101.2	64.2	1215	492	19	122	0	1848	63	94	4026	242	429	100	6801
1100 POTATOES	78	26.8	23.5	26.3	24.8	393	229	0	71	0	693	25	3	1039	86	137	215	2198
1200 VEGETABLES	235	73.7	56.4	74.8	41.7	1068	412	0	178	0	1658	32	185	2924	184	340	64	5386
1300 ORNAMENTALS TURF	128	39.8	25.7	41.2	33.3	634	124	1	0	0	758	27	56	1740	82	224	34	2921
1400 CORN	86	21.0	16.6	20.4	13.5	516	83	1	7	0	607	0	37	946	48	86	17	1741
1500 GRAIN SORGHUM	1	0.1	0.0	0.0	0.0	3	0	0	0	0	3	0	0	2	0	0	0	5
1600 RICE	1	0.7	0.1	0.0	0.0	9	0	0	0	0	9	0	0	4	9	0	0	21
1700 WHEAT	22	4.1	4.5	5.5	1.5	95	3	0	3	0	100	1	27	182	31	22	2	366
1800 OTHER SMALL GRAINS	18	3.0	3.2	6.1	1.6	46	1	0	0	0	46	3	27	137	27	16	1	258
1900 PASTURE	4	0.6	0.3	0.1	0.2	6	7	0	0	0	13	0	0	28	20	0	0	61
2000 FORAGE CROPS	104	30.2	19.1	47.1	24.7	541	217	0	168	0	926	53	52	1438	76	107	27	2679
2100 COTTON	1	0.2	0.0	0.1	0.1	4	0	0	0	0	4	0	0	6	0	0	0	10
2200 COTTONSEED	1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	3	0	0	0	4
2300 SOYBEANS	47	9.6	5.0	5.7	3.1	166	30	0	146	0	342	2	133	401	28	11	12	930
2400 PEANUTS	2	0.2	1.2	0.1	0.2	2	0	0	0	0	2	0	0	6	0	12	0	20
2500 OTHER OILSEED CROPS	2	0.2	1.0	0.1	0.2	3	0	0	0	0	3	0	0	8	0	22	0	33
2600 TOBACCO	24	8.0	1.0	7.5	1.4	112	3	0	0	0	115	0	0	368	13	2	7	504
2700 SUGAR CROPS	1	0.4	0.2	1.7	0.0	4	0	0	0	0	4	0	30	9	0	0	0	43
2800 MISC NEW CROPS	7	1.4	0.7	0.6	0.4	12	14	0	0	0	26	0	0	52	0	0	0	80
2900 POULTRY	144	61.9	41.1	85.5	55.0	1072	533	0	43	0	1647	44	586	2801	292	140	122	5632
3000 BEEF CATTLE	69	14.8	10.9	32.7	18.9	519	80	0	0	0	599	10	107	809	189	107	101	1922
3100 DAIRY CATTLE	194	66.4	47.8	89.2	55.9	1116	421	0	92	0	1630	39	420	2808	698	317	408	6318
3200 SWINE	32	7.7	3.3	10.8	12.2	111	0	0	37	0	148	2	171	278	91	46	7	743
3300 SHEEP AND WOOL	39	5.3	5.6	8.3	8.6	198	36	0	0	0	233	1	53	307	109	14	7	724
3400 OTHER ANIMALS	79	20.9	19.1	28.3	11.8	349	17	0	0	0	365	4	454	849	69	54	11	1807
3500 BEES AND HONEY	7	2.7	1.1	1.5	1.9	62	0	0	0	0	62	2	4	104	7	8	0	187
3600 FARM SUPP & FACILITS	11	2.4	2.2	3.9	3.0	53	1	0	0	0	54	0	56	116	14	2	0	242
3700 CLOTHING & TEXTILES	8	0.9	0.9	0.3	1.3	3	28	0	0	0	31	0	0	20	2	0	0	53
3800 FOOD	105	30.5	34.8	27.1	13.8	514	340	0	6	0	859	12	419	1054	74	152	59	2629
3900 HOUSING & EQUIP	38	14.0	17.7	15.4	12.1	173	26	0	0	0	200	175	229	427	34	189	61	1314
4000 PEOPLE AS INDIVIDUAL	145	44.6	32.9	32.3	22.3	462	238	14	218	10	942	50	582	1285	166	74	208	3306
4100 FAMILY MEMBERS	25	18.0	22.6	9.0	13.9	80	20	0	66	0	166	3	194	300	22	197	135	1016
4200 FARM AS BUSINESS	18	7.7	5.1	2.1	7.4	143	0	0	24	0	167	1	31	281	0	7	1	487
4300 SOC POLIT ORGANIZ	93	33.5	24.7	9.3	15.1	462	221	3	98	155	939	163	51	687	116	29	311	2295
4400 AGRIC ECONOMY U S	12	2.2	4.7	1.4	1.7	61	4	0	0	0	65	0	0	81	1	2	23	171
4500 AGRIC ECONOMY FORGN	8	5.3	2.3	2.3	5.4	19	0	0	0	0	19	0	0	107	0	3	26	155
4600 FARM COOPERATIVES	2	0.6	0.2	0.1	0.0	10	0	0	0	0	10	0	0	11	0	0	0	21
4700 OTH MARKET PROCESS	6	3.5	0.0	0.2	0.4	44	0	0	0	0	44	16	14	71	1	30	0	176
4800 MARKETING SYSTEMS	12	6.8	2.0	0.8	1.6	108	31	0	0	0	139	0	0	71	0	0	2	213
6100 WEEDS	4	0.6	0.9	0.5	1.1	34	3	0	0	0	38	0	0	24	1	1	0	63
6200 SEED RESEARCH	11	3.9	1.9	4.7	2.5	11	15	0	0	0	26	0	0	199	1	3	0	229
6300 BIO CELL SYSTEMS	38	15.5	11.3	20.1	2.1	248	0	0	0	0	248	0	554	398	22	1	74	1296
6400 EXP DESIGN/STAT METH	11	4.1	1.4	0.3	2.0	38	0	0	0	0	38	0	0	134	9	6	2	188
6500 INVERTEBRATES	39	19.0	15.3	9.1	7.0	185	23	0	25	0	233	39	428	489	57	22	59	1327
6600 MICROORGANISMS,VIRUS	49	16.3	18.2	26.5	21.6	244	0	0	0	0	244	0	568	474	52	103	20	1460
6700 PLANTS	95	36.8	9.7	26.0	13.8	359	285	0	450	0	1094	36	313	962	101	54	26	2586
6800 ANIMALS(VERTEBRATES)	45	10.3	13.2	11.6	3.0	143	5	0	31	0	179	30	397	314	37	16	16	988
7000 RSCH EQUIP & TECHNOL	20	3.6	2.1	3.7	2.6	54	12	12	0	0	77	6	39	121	6	3	1	253
9900 UNCLASSIFIED	12	39.9	44.5	86.0	23.5	291	23	0	0	0	313	149	1166	2826	528	393	629	6004
TOTAL	3079	1044.9	843.9	1038.5	650.1	13872	4894	1893	2072	180	22911	1234	9153	38418	3814	4634	4362	84524

SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	MCIN RRF	STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RES	30	8.8	11.0	7.5	6.6	112	11	8	0	0		130	4	32	246	47	7	32	498
102 SOIL PLNT WTR NUTRI	62	20.7	18.9	20.2	8.5	344	164	30	17	0		555	4	198	846	28	114	5	1750
103 MGMT OF SALINE SOIL	1	0.5	0.3	0.0	0.0	3	0	0	0	0		3	0	0	0	0	0	0	3
104 ALTERN USE OF LAND	30	8.1	7.0	1.1	1.8	114	88	17	0	7		226	29	35	208	7	97	24	626
105 CONSERV USE OF WATE	11	1.6	3.3	0.9	1.1	48	1	0	0	0		49	0	17	59	6	4	1	136
106 DRAIN AND IRRIGATIO	4	2.5	1.9	0.0	0.2	22	0	9	0	0		31	0	0	70	4	0	36	141
107 WATERSHED PROT & MG	15	5.2	5.9	3.8	2.0	32	0	83	0	7		122	3	8	255	0	1	27	417
108 ECON LEG PROB OF WA	6	1.1	0.4	0.5	1.2	6	0	0	0	0		6	8	5	45	0	1	0	65
109 WEATHER ADAPT & MOD	17	4.6	3.1	1.6	1.9	25	16	19	0	0		60	6	17	127	5	0	0	215
110 APPRAIS FORST & RAN	13	3.8	2.1	0.4	0.7	23	0	67	0	0		90	2	4	93	1	8	16	214
111 BIOL CULT MGMT FORS	63	16.4	20.5	8.1	8.4	61	0	433	0	0		494	33	37	505	14	97	73	1252
112 IMPROV RANGE RESOR	2	0.4	0.3	0.0	1.5	49	30	0	0	0		78	0	0	25	14	0	0	117
113 REMOTE SENSING	10	1.5	2.4	1.9	1.0	16	11	16	0	0		43	17	10	55	0	1	1	127
SUBTOTAL	264	75.2	77.0	45.9	35.0	854	320	683	17	14		1887	107	362	2535	126	329	215	5560
SERIES 200																		
201 CNTRL FORST INSECTS	36	15.4	16.8	6.5	3.7	17	63	276	0	0		355	63	84	340	0	103	115	1059
202 CONTROL FOREST DIS	15	6.1	5.3	0.9	0.8	39	34	63	0	0		137	3	0	250	9	3	1	403
204 CNTR PESTS FRT & VE	84	34.0	25.6	29.6	18.8	425	51	0	46	0		522	19	160	1343	94	191	53	2382
205 CNTR DISE FRT & VEG	112	44.1	24.1	45.6	24.2	502	183	19	40	0		744	24	0	1724	129	241	85	2947
206 CNTR WEEDS FRT & VE	32	9.1	9.1	9.5	5.3	211	36	0	9	0		257	3	3	339	40	49	32	724
207 CNTR PESTS FLD CROP	31	7.6	4.4	3.1	4.9	172	9	0	174	0		356	14	124	248	8	26	4	780
208 CNTR DIS FIELD CROP	43	13.4	4.5	18.4	4.0	257	81	0	3	0		341	5	37	542	20	31	2	978
209 CNTR WEEDS FLD CROP	23	5.5	4.6	4.2	4.1	109	65	0	0	0		174	0	0	247	14	40	6	480
210 CONTR PESTS ANIMALS	15	2.8	2.8	2.5	0.7	69	7	0	0	0		77	10	2	142	7	9	0	248
211 CONTR DIS ANIMALS	59	34.3	27.3	44.1	27.5	369	497	0	10	0		877	46	168	1435	150	83	74	2832
212 CNTR INTER PARASITE	10	2.7	1.6	3.6	1.4	81	0	0	0	0		81	0	0	146	16	8	0	253
213 PROT ANMLS FROM TOX	7	0.6	0.5	4.1	1.5	15	0	0	0	0		15	0	61	87	7	0	2	173
214 PROTECT FROM POLLUT	43	11.4	10.1	8.5	7.4	206	95	36	18	0		355	3	47	360	21	68	33	886
SUBTOTAL	510	187.0	136.7	180.4	104.4	2475	1120	394	302	0		4290	190	686	7205	513	852	408	14144
SERIES 300																		
301 GENET BREED FORST T	11	4.4	4.6	5.3	3.2	22	51	97	0	0		170	24	4	143	1	12	0	354
302 IMP FOREST ENG SYS	5	2.2	0.8	1.4	0.7	32	1	34	0	0		68	0	0	37	0	8	54	166
303 ECON TIMBER PRODUCT	8	2.5	1.5	0.1	0.7	0	0	45	0	0		45	0	0	47	0	19	8	118
304 IMP BIO EFF FRT & V	158	50.6	25.6	64.7	46.9	777	163	0	0	0		940	34	58	2451	112	166	139	3899
305 MECH PROD FRT & VEG	23	7.9	3.8	6.6	5.9	126	86	0	0	0		212	2	0	350	11	23	4	602
306 PROD MGMT SYS F & V	10	3.0	1.6	2.8	3.7	48	11	0	0	0		59	20	1	84	33	0	3	200
307 IMP BIO EFF FLD CRP	116	40.3	21.5	53.7	20.0	747	126	1	153	0		1026	70	59	1723	175	112	29	3194
308 MECH PROD FIELD CRO	7	2.4	1.5	1.5	0.4	35	16	0	0	0		51	0	0	59	6	24	4	143
309 PROD MGMT SYS FLD C	21	4.4	5.2	9.8	7.2	108	56	0	7	0		171	0	5	377	10	6	12	583
310 ANIMAL REPRODUCTION	47	19.3	18.2	30.3	16.9	391	129	0	0	0		520	0	289	661	194	83	49	1797
311 IMP BIO EFF ANML PR	154	53.4	37.1	93.2	62.9	1239	146	0	0	0		1386	15	520	2994	776	263	58	6012
312 ENV STRESS IN ANML	25	10.1	5.5	8.9	4.5	108	71	0	0	0		179	0	38	318	45	9	0	590
313 PROD MGMT SYS ANML	23	9.6	5.8	11.7	20.1	128	34	0	55	0		218	18	2	600	125	3	387	1353
314 BEES OTH POLLNTNG I	7	2.7	1.1	1.5	1.9	62	0	0	0	0		62	2	4	104	7	8	0	187
315 IMP STRUC FARM SUPP	26	8.6	8.8	13.4	8.1	152	0	0	0	0		152	175	106	340	47	83	47	950
316 FARM BUSINESS MGMT	14	7.2	4.9	1.8	7.1	139	0	0	0	0		139	0	0	255	0	7	1	401
317 MECH/STRUCTS ANML P	8	3.7	2.8	1.6	0.5	33	13	0	0	0		47	0	0	100	3	11	8	170
318 NON-COM BIO TECH/BI	199	75.5	54.5	79.2	39.5	955	10	0	15	0		980	41	2164	2254	192	79	165	5876
SUBTOTAL	862	307.7	204.6	387.3	249.9	5103	912	176	231	0		6422	402	3249	12897	1738	915	971	26593
SERIES 400																		
401 NEW IMP FOREST PROD	40	17.9	10.1	7.7	5.3	56	0	205	0	0		261	3	159	384	25	25	29	886
402 PROD F & V IMP ACCE	37	7.8	4.9	10.1	6.8	64	35	0	0	0		98	3	0	442	11	58	15	627
403 NEW & IMP F&V PROD	46	14.2	14.4	7.7	4.0	182	26	0	0	0		208	0	15	573	24	81	14	915
404 MKT QUAL FRTS & VEG	55	16.9	16.7	21.6	14.4	296	387	0	27	0		710	14	27	693	49	67	21	1581
405 PROD FLD CROP IMP A	18	3.1	2.2	3.2	4.1	54	20	0	25	0		99	0	4	204	6	8	1	323
406 NEW IMP FOOD FLD CR	10	3.9	2.8	2.6	0.5	43	0	0	21	0		64	0	53	93	42	24	0	276
407 NEW IMP NON-FOOD FC	2	0.4	1.9	1.2	0.0	0	4	0	0	0		4	0	5	57	17	0	0	83
408 MKT QUAL FIELD CROP	5	1.9	1.2	2.5	0.8	37	0	0	0	0		37	0	0	79	1	17	0	135
409 PROD ANML PR IMP AC	14	6.0	2.6	15.7	4.9	209	0	0	0	0		209	1	204	279	31	20	7	751
410 IMP MEAT MILK EGG P	48	16.9	20.5	18.1	11.0	324	1	0	0	0		325	0	101	787	64	126	19	1422
411 IMP NON-FOOD ANML P	1	0.1	0.1	0.0	0.0	0	0	0	0	0		0	0	0	2	0	2	0	4
412 MKT QUAL ANIMAL PRO	16	6.1	3.2	8.7	1.7	162	0	0	0	0		162	15	12	213	11	122	10	545
SUBTOTAL	292	95.2	80.6	99.0	53.6	1428	473	205	72	0		2178	37	581	3807	280	549	116	7548
SERIES 500																		
501 IMP GRADES & STANDS	8	1.5	1.3	3.0	1.2	20	15	0	0	0		35	0	2	80	2	2	0	121
502 MKTG TIMBER PRODUCT	3	0.9	0.7	0.0	0.1	11	0	0	0	1		12	0	0	8	0	16	1	37
503 MKTG EFF AGRI PRODS	29	9.3	3.0	2.6	4.0	154	88	0	65	0		307	12	0	125	9	3	44	501
506 SPLY DEMAND AND PRI	20	5.3	5.4	0.7	4.0	120	82	0	0	0		202	2	7	108	0	6	23	347
507 COMP REL IN AGRIC	7	1.2	1.1	0.5	0.4	12	16	0	0	0		28	0	0	34	0	0	1	63
508 DOMESTIC MKT DEVELP	10	2.3	1.0	0.0	1.0	25	25	0	0	0		49	0	10	59	1	9	10	137
509 PERFORMANCE MKTG SY	22	11.9	2.1	2.5	3.0	148	92	0	11	0		251	26	0	161	1	28	0	467
510 GROUP ACT MKT POWER	3	1.0	0.2	0.1	0.0	10	0	0	0	0		10	0	5	17	0	0	0	31
511 IMP AGRIC STATISTIC	4	1.0	0.8	0.0	0.7	22	0	0	0	0		22	0	0	29	0	0	0	52
512 IMP GRADES FRST PRO	1	0.2	0.0	0.1	0.0	4	0	0	0	0		4	0	0	3	0	0	0	7
513 PRICE ANAL FRST PRO	2	0.4	0.9	0.0	0.1	5	0	0	0	1		6	0	0	0	0	0	0	6
SUBTOTAL	109	34.8	16.3	9.5	14.5	533	317	0	76	2		928	40	23	624	13	63	80	1770
SERIES 600																		
601 FGN MKT DEVELP	5	1.3	3.9	1.0	3.2	40	0	0	0	0		40	0	0	57	0	0	3	100
602 EVAL FGN FOOD AID P	1	0.1	0.0	0.0	0.0	0	0	0	0	0		0	0	0	4	0	0	0	4
603 TECH AID DEV CRTY	7	6.6	1.5	2.3	4.0	0	0	0	0	0		0	0	0	129	0	3	29	162
SUBTOTAL	13	8.0	5.4	3.3	7.2	40	0	0	0	0		40	0	0	191	0	3	33	266
SERIES 700																		
701 TOX RES IN FOOD	28	16.0	12.8	13.8	7.0	137	244	0	566	0		947	0	137	376	2	43	0	1506
702 FOOD PRCT FROM TOX	24	11.1	9.9	6.6	2.6	113	135	0	10	0		258	2	156	331	29	36	15	827
703 FOOD CONSUMP HABITS	31	8.4	6.4	8.0	5.8	119	105	0	6	0		230	8	144	197	35	4	32	650
704 HOME COMM FOOD SERV	7	1.1	1.9	0.8	0.2	14	29	0	0	0		44	2	15	19	10	0	0	90
705 SEL CARE CLOTH & TE	7	0.6	0.9	0.0	1.3	3	28	0	0	0		31	0	0	8	2	0	0	42
706 CONTR INSECTS AFF M	32	14.4	8.7	5.4	5.3	165	39	0	25	0		229	13	40	408	16	6	56	768
707 TRANS ANIML MAN DI	8	2.9	4.8	3.8	0.3	26	0	0	0	0		26	13	118	64	19	0	13	252
708 HUMAN NUTRITION	73	15.6	21.2	26.3	11.8	250	220	0	56	0		527	12	571	422	76	29	71	1708
709 REDUCE HAZ HLTH & S	11	2.5	1.1	1.7	0.7	31	35	0	0	0		65	0	0	73	7	32	0	177
SUBTOTAL	221	72.5	67.6	66.4	34.8	858	836	0	663	0		2357	50	1180	1898	195	152	187	6020

SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS SYS	PROF	TECH	OTHER	HATH	HRF	HCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 800																		
801 RURAL HOUSING	6	3.6	0.5	0.4	3.4	11	19	0	0	0	30	0	116	39	0	2	0	186
802 INDIV & FAM DEC MAK	19	17.3	22.8	6.7	12.5	78	19	0	36	0	132	1	108	264	43	181	113	842
803 RURAL POVERTY	3	1.6	0.0	1.7	0.4	7	0	0	52	0	59	0	0	5	0	2	0	67
804 ECON POTENT RURL PE	14	4.2	3.4	3.4	4.0	19	1	0	144	10	174	14	96	54	3	6	78	426
805 COMMUNICAT RURAL PE	43	10.7	4.1	2.5	4.6	95	0	14	33	0	142	3	143	357	65	15	164	889
806 ADJUSTMENT TO CHANG	18	5.8	1.2	3.1	4.0	84	60	0	26	0	170	0	15	186	3	19	24	417
807 AGRIC ECONOMIC CHAN	9	0.9	0.8	0.3	0.5	12	6	0	24	0	42	1	31	41	1	1	2	117
SUBTOTAL	112	44.1	32.7	18.0	29.4	305	105	14	314	10	749	19	509	945	114	227	381	2944
SERIES 900																		
901 ALLEV POLLUTION	136	56.1	59.7	45.9	26.4	555	201	44	145	0	946	8	629	1715	59	664	365	4385
902 OUTDOOR RECREATION	40	13.1	13.9	9.6	6.0	86	179	118	0	0	383	8	92	272	1	19	65	839
903 MULTI-USE-FOREST PO	16	4.8	7.7	2.7	1.7	5	0	128	0	0	134	1	1	103	1	1	97	338
904 WLDLFE AND FISH ECO	108	30.9	41.3	33.8	15.7	209	11	112	180	0	512	31	566	864	57	209	619	2858
905 TREES BEAUTIFICATIO	12	4.7	5.9	0.8	1.3	37	75	16	0	0	128	4	11	121	11	8	4	287
906 ORNAMENT & TURF DEV	127	39.3	25.2	40.8	33.1	616	124	1	0	0	741	27	56	1723	81	224	34	2885
907 RURAL INCOME IMP	26	8.1	9.5	2.7	4.2	197	37	0	36	101	371	96	0	145	0	3	15	631
908 RURAL INSTITUT IMP	62	23.6	15.2	6.3	9.3	280	161	3	36	53	533	66	42	549	97	22	143	1452
990 UNCLASSIFIED	12	39.9	44.5	86.0	23.5	291	23	0	0	0	313	149	1166	2826	528	393	629	6004
SUBTOTAL	539	220.4	223.0	228.6	121.3	2277	811	421	397	155	4060	390	2562	8316	835	1544	1971	19678
SCIENCE IN SERV OF MAN	2922		843.9		650.1		4894		2072		22911		9153		3814		4362	
GRAND TOTAL		1044.9		1038.5		13872		1893		180		1234		38418		4634		84524

SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF YEARS PROF	TECH	OTHER	HATH	RRF	MCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	323	103.3	60.9	125.3	102.6	944	164	101	553	3	1764	106	525	5008	286	307	1011	9005
0200 WATER	204	61.7	46.3	82.0	65.0	553	138	60	423	0	1174	159	340	2434	139	178	790	5214
0300 WATERSHEDS RIVER BAS	38	11.1	5.5	12.0	8.5	79	94	22	76	0	272	2	28	482	3	39	49	874
0400 AIR AND CLIMATE	23	4.1	1.2	3.8	3.9	48	12	7	0	0	66	3	0	182	3	35	0	289
0500 RECREATION RESOURCES	35	8.0	4.9	6.4	5.0	32	12	87	59	0	190	11	67	284	4	57	64	677
0600 TIMBER FORST PRODUCT	386	143.5	94.0	152.8	96.3	254	1922	874	44	2	3366	577	1308	6391	93	743	667	13145
0700 RANGE	62	13.7	8.1	21.2	12.3	140	2	29	54	0	225	22	64	963	132	161	0	1568
0800 WILDLIFE AND FISH	228	79.7	63.2	80.5	76.3	528	218	317	269	0	1332	114	832	3159	224	729	812	7203
0900 CITRUS SUB TROP FRUT	131	73.1	17.7	90.4	132.7	482	47	0	39	0	567	25	177	4554	174	166	101	5765
1000 FRUIT NUTS DECIDUOUS	335	102.0	40.0	132.1	142.4	1242	120	0	215	0	1576	174	139	7316	349	166	162	9882
1100 POTATOES	36	7.6	3.9	7.4	7.3	98	0	0	3	0	102	3	0	531	21	12	1	669
1200 VEGETABLES	493	199.7	80.9	198.0	315.3	2098	236	0	728	0	3063	200	159	11129	484	651	147	15832
1300 ORNAMENTALS TURF	224	88.0	30.7	105.9	103.0	977	167	0	64	0	1208	31	197	5310	167	236	142	7292
1400 CORN	258	47.3	30.9	54.0	57.8	701	205	0	67	0	973	81	220	3242	172	153	82	4923
1500 GRAIN SORGHUM	148	26.9	11.2	32.9	26.6	346	73	0	18	0	436	25	3	1623	81	109	13	2290
1600 RICE	82	29.0	6.6	21.9	19.3	256	15	0	3	0	274	32	0	1902	74	234	13	2528
1700 WHEAT	132	24.3	11.2	26.8	18.7	431	53	0	55	0	539	16	46	1270	118	118	17	2124
1800 OTHER SMALL GRAINS	113	23.2	9.8	29.5	21.9	330	15	0	633	0	978	92	6	926	63	30	27	2121
1900 PASTURE	105	25.5	3.5	29.5	36.5	258	0	0	24	0	282	214	22	1905	169	73	7	2672
2000 FORAGE CROPS	314	102.2	42.8	118.9	149.4	1740	206	0	164	0	2110	83	156	6592	573	166	38	9718
2100 COTTON	275	89.3	39.2	91.3	97.2	1112	547	0	239	11	1909	531	294	4634	354	868	284	8873
2200 COTTONSEED	12	1.9	0.9	1.8	1.5	34	0	0	18	0	53	0	1	77	0	18	0	149
2300 SOYBEANS	420	115.5	69.0	115.0	129.9	1675	635	0	997	0	3307	251	83	6869	428	736	338	11612
2400 PEANUTS	142	44.9	21.1	66.7	47.0	396	27	0	252	0	675	97	49	2872	131	333	168	4326
2500 OTHER OILSEED CROPS	14	2.5	1.8	1.9	1.1	65	0	0	7	0	72	1	6	164	32	16	0	291
2600 TOBACCO	137	49.9	38.9	67.2	87.0	732	16	0	28	0	775	38	24	4011	276	221	232	5579
2700 SUGAR CROPS	66	40.6	5.7	25.8	108.1	766	24	0	0	0	790	5	119	2016	236	131	10	3307
2800 MISC NEW CROPS	40	8.0	3.7	8.1	25.8	112	67	0	12	0	191	6	2	392	81	4	3	679
2900 POULTRY	298	96.7	51.7	150.9	132.0	1734	369	0	457	20	2581	134	203	6568	467	271	121	10345
3000 BEEF CATTLE	511	171.9	77.6	225.1	283.1	2983	1262	0	902	0	5147	398	906	14048	2344	698	113	23654
3100 DAIRY CATTLE	340	109.5	50.9	144.6	236.1	2302	507	0	338	0	3147	140	127	8680	2138	402	136	14770
3200 SWINE	191	64.7	32.9	85.6	111.9	1079	199	0	411	0	1689	42	766	4503	683	132	99	7914
3300 SHEEP AND WOOL	83	15.0	10.0	25.3	26.5	357	24	0	26	0	407	23	9	1152	91	108	12	1802
3400 OTHER ANIMALS	134	33.4	22.1	55.8	33.6	563	3	0	333	0	900	76	276	1822	136	177	6	3393
3500 BEES AND HONEY	5	1.3	1.5	2.4	0.3	23	0	0	0	0	23	7	0	63	1	0	4	99
3600 FARM SUPP & FACILITS	23	9.0	1.3	4.1	3.1	52	1	0	330	0	383	6	34	242	14	1	0	679
3700 CLOTHING & TEXTILES	22	5.5	2.6	2.8	4.7	57	61	0	105	0	223	16	0	140	0	0	1	380
3800 FOOD	133	45.1	25.0	53.6	44.0	547	399	0	896	0	1842	49	55	1479	25	105	27	3581
3900 HOUSING & EQUIP	64	14.6	8.9	13.9	10.1	118	90	9	193	5	415	28	14	712	10	26	10	1215
4000 PEOPLE AS INDIVIDUAL	230	67.8	45.8	56.3	72.7	683	252	0	1938	56	2929	44	221	1787	30	71	18	5100
4100 FAMILY MEMBERS	76	15.2	13.8	8.3	14.4	155	75	0	552	15	797	0	0	325	2	4	6	1135
4200 FARM AS BUSINESS	82	25.7	9.3	10.0	24.4	422	64	0	131	0	617	102	7	727	33	23	28	1537
4300 SOC POLIT ORGANIZ	120	32.6	22.9	17.1	21.4	588	182	0	362	147	1279	19	78	802	12	17	41	2249
4400 AGRIC ECONOMY U S	21	8.1	2.4	2.5	11.1	109	1	0	48	0	158	19	30	257	7	2	1	475
4500 AGRIC ECONOMY FORGN	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0	1
4600 FARM COOPERATIVES	15	2.8	3.2	1.6	2.9	23	2	0	130	0	156	12	0	79	0	5	0	252
4700 OTH MARKET PROCESS	16	1.4	1.4	2.1	2.2	46	18	0	0	0	64	14	0	88	2	4	9	182
4800 MARKETING SYSTEMS	30	9.1	1.3	4.8	8.7	106	88	2	116	0	311	152	0	218	14	27	3	724
6100 WEEDS	23	3.4	6.2	7.0	4.0	53	0	0	44	0	98	2	21	166	20	36	33	376
6200 SEED RESEARCH	4	0.7	0.2	3.1	1.0	39	0	0	0	0	39	5	0	33	2	15	0	95
6300 BIO CELL SYSTEMS	39	11.8	11.7	20.6	3.9	97	3	0	40	0	139	3	377	475	21	19	47	1081
6400 EXP DESIGN/STAT METH	13	5.4	2.7	6.9	7.0	24	0	0	22	0	46	16	25	378	0	0	10	475
6500 INVERTEBRATES	61	20.6	10.2	24.3	10.7	140	0	0	41	0	180	23	315	1004	14	62	40	1638
6600 MICROORGANISMS,VIRUS	47	23.8	12.8	50.4	10.8	116	41	0	23	0	180	0	634	1176	4	129	25	2148
6700 PLANTS	181	54.4	54.3	68.6	67.9	639	180	1	483	3	1306	122	244	3171	138	371	614	5965
6800 ANIMALS(VERTEBRATES)	76	14.7	14.5	23.8	15.1	224	56	1	53	0	334	9	314	851	22	22	65	1618
6900 RESEARCH ON RSCH MGH	6	3.9	0.6	0.4	0.1	19	42	0	0	0	60	0	0	198	0	17	4	279
7000 RSCH EQUIP & TECHNOL	18	4.0	2.8	1.0	4.0	8	2	17	0	0	27	2	110	172	3	14	7	334
9900 UNCLASSIFIED	19	48.1	102.2	139.7	122.5	212	80	23	0	0	315	265	796	1989	1126	491	879	5861
TOTAL	7658	2446.5	1356.2	2921.8	3184.5	29947	7286	3547	13018	263	54061	4628	10429	139144	12226	9939	7536	237963

SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS SYS	PROF	TECH	OTHER	HATH	HCIN	SP STEN	GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RES	56	21.0	12.0	19.7	17.0	239	7	22	36	0		303	17	13	1057	46	60	468	1964
102 SOIL PLNT WTR NUTRI	176	48.3	28.2	64.6	57.3	458	104	52	129	3		746	44	216	2725	204	106	446	4486
103 MGMT OF SALINE SOIL	13	5.4	1.0	5.4	7.8	49	0	0	3	0		52	12	0	298	41	11	0	414
104 ALTERN USE OF LAND	40	10.6	7.4	6.7	8.2	122	0	15	1	0		137	12	123	449	16	59	19	817
105 CONSERV USE OF WATE	78	16.1	8.0	12.8	15.8	159	36	5	14	0		215	116	124	823	55	17	76	1426
106 DRAIN AND IRRIGATIO	32	7.6	1.6	6.4	4.8	71	2	0	4	0		76	4	128	332	12	15	0	567
107 WATERSHED PROT & MG	42	11.8	21.9	39.3	14.1	62	95	82	2	0		242	61	195	550	5	29	674	1756
108 ECON LEG PROB OF WA	10	4.7	2.3	2.7	4.8	64	0	0	0	0		64	3	1	185	1	5	1	260
109 WEATHER ADAPT & MOD	23	2.9	0.7	3.4	3.7	30	2	7	29	0		67	9	0	153	4	10	0	244
110 APPRAIS FORST & RAN	34	5.4	4.8	1.7	3.5	10	3	103	0	0		116	7	17	240	12	12	0	403
111 BIOL CULT MGMT FORS	121	40.6	20.3	35.5	27.0	52	11	025	36	0		1114	75	35	1801	18	165	85	3293
112 IMPROV RANGE RESOR	43	10.0	6.8	16.0	10.5	108	0	29	34	0		171	5	53	709	114	129	0	1181
113 REMOTE SENSING	7	3.0	3.0	1.9	4.0	3	1	36	0	0		40	10	109	71	5	10	7	252
114 RSCH ON MGMT OF RSC	6	3.9	0.6	0.4	0.1	19	42	0	0	0		60	0	0	198	0	17	4	279
SUBTOTAL	681	191.4	118.6	216.5	178.5	1444	292	1376	288	3		3403	374	1017	9592	534	644	1780	17343
SERIES 200																		
201 CNTRL FORST INSECTS	68	17.9	9.7	29.7	9.5	83	43	177	0	0		303	187	818	714	19	7	47	2096
202 CONTROL FOREST DIS	48	16.1	9.7	16.0	8.1	28	36	342	3	2		411	59	49	631	9	19	6	1182
203 FOREST FIRE PROTECT	6	0.1	0.7	0.6	0.1	0	0	4	0	0		4	11	5	17	0	0	0	37
204 CNTR PESTS FRT & VE	116	40.0	14.2	49.7	53.4	415	40	0	127	0		583	160	29	2359	86	122	64	3803
205 CNTR DISE FRT & VEG	234	81.3	23.8	92.8	108.4	719	16	0	122	0		857	163	24	4781	193	179	57	6254
206 CNTR WEEDS FRT & VE	62	19.0	8.4	20.1	25.6	216	4	0	109	0		328	2	35	954	44	97	30	1490
207 CNTR PESTS FLD CROP	234	81.4	46.0	88.3	70.3	1341	444	0	119	11		1915	359	173	4254	207	616	170	7695
208 CNTR DIS FIELD CROP	307	98.8	41.8	109.5	106.2	1401	293	0	410	0		2104	218	43	5054	239	457	223	8336
209 CNTR WEEDS FLD CROP	126	41.0	32.9	40.6	50.7	627	117	0	54	0		799	83	6	2611	280	632	186	4597
210 CONTR PESTS ANIMALS	43	17.9	6.8	16.7	7.7	297	4	0	47	20		368	185	15	788	29	93	21	1500
211 CONTR DIS ANIMALS	136	59.8	24.4	83.9	46.1	901	49	0	131	0		1081	329	78	3700	387	114	18	5707
212 CNTR INTER PARASITE	41	16.4	6.4	18.8	21.0	198	11	0	1	0		210	4	30	1073	59	203	6	1586
213 PROT ANMLS FROM TOX	28	7.0	3.9	12.6	7.8	82	61	0	0	0		143	8	59	591	16	42	32	892
214 PROTECT FROM POLLUT	62	10.3	14.7	14.7	18.0	137	13	0	234	3		387	193	197	471	8	152	28	1437
SUBTOTAL	1511	507.1	243.5	593.9	533.1	6444	1133	523	1357	37		9494	1961	1561	27999	1577	2733	888	46213
SERIES 300																		
301 GENET BREED FORST T	43	11.3	14.4	15.8	13.2	8	74	421	0	0		503	4	12	861	17	228	5	1630
302 IMP FOREST ENG SYS	10	4.3	2.3	4.9	3.1	0	0	58	0	0		58	3	27	170	5	83	0	347
303 ECON TIMBER PRODUCT	9	6.5	2.8	4.6	5.2	0	0	96	0	0		96	94	74	221	3	14	128	631
304 IMP BIO EFF FRT & V	387	144.1	54.5	162.1	271.7	1226	156	0	562	0		1943	33	255	9677	496	247	162	12813
305 MECH PROD FRT & VEG	73	17.3	6.8	21.1	17.9	141	0	0	0	0		141	16	0	1112	33	217	13	1531
306 PROD MGMT SYS F & V	30	11.5	2.4	7.0	19.5	118	0	0	1	0		118	0	1	669	49	3	6	846
307 IMP BIO EFF FLD CRP	725	285.8	129.8	344.1	480.3	3702	745	0	1359	0		5807	500	740	19926	1691	1067	992	30722
308 MECH PROD FIELD CRO	60	17.9	13.6	20.3	18.9	258	64	0	0	0		322	97	13	1036	95	265	43	1871
309 PROD MGMT SYS FLD C	105	27.2	9.8	25.1	31.7	393	46	0	82	0		521	33	26	1716	121	96	58	2571
310 ANIMAL REPRODUCTION	175	74.7	55.3	113.1	160.0	1230	364	0	308	0		1902	56	1748	5503	1204	186	69	10668
311 IMP BIO EFF ANML PR	505	176.8	73.2	298.7	372.8	3488	909	0	1122	0		5519	88	214	16897	3148	844	242	26952
312 ENV STRESS IN ANML	67	18.8	4.7	20.5	21.7	245	78	0	30	0		352	26	36	1107	127	39	6	1693
313 PROD MGMT SYS ANML	124	27.7	11.6	26.6	69.0	588	39	0	216	0		843	16	4	2350	553	32	11	3808
314 BEES OTH POLLNTNG I	5	1.3	1.5	2.4	0.3	23	0	0	0	0		23	7	0	63	1	0	4	99
315 IMP STRUC FARM SUPP	31	10.9	2.2	7.8	5.2	85	0	0	330	0		415	26	47	404	16	17	0	926
316 FARM BUSINESS MGMT	69	21.8	7.7	8.0	19.6	364	60	0	43	0		467	94	7	651	32	23	28	1302
317 MECH/STRUCTS ANML P	31	7.4	2.4	9.1	10.3	83	5	0	0	0		87	29	32	412	32	24	12	629
318 NON-COM BIO TECH/BI	210	86.1	64.8	144.7	54.8	630	50	2	174	0		856	50	1538	4810	85	375	177	7892
SUBTOTAL	2659	951.3	459.9	1235.9	1575.2	12582	2589	578	4225	0		19973	1173	4774	67586	7708	3759	1957	106930
SERIES 400																		
401 NEW IMP FOREST PROD	44	26.2	18.0	27.7	13.2	10	0	443	0	0		453	69	56	1216	5	159	55	2013
402 PROD F & V IMP ACCE	96	18.4	11.2	24.4	30.5	247	23	0	89	0		359	5	4	1223	40	52	5	1687
403 NEW & IMP F&V PROD	58	23.1	13.1	29.6	42.3	492	18	0	0	0		510	1	28	1680	68	51	24	2362
404 MKT QUAL FRTS & VEG	46	13.9	7.0	19.2	17.5	293	38	0	0	0		331	22	1	710	23	13	28	1128
405 PROD FLD CROP IMP A	100	29.8	14.1	32.7	31.4	410	6	0	173	0		589	1	31	1568	143	60	33	2424
406 NEW IMP FOOD FLD CR	38	11.3	3.9	11.8	6.8	181	0	0	162	0		343	0	2	500	7	23	7	883
407 NEW IMP NON-FOOD FC	16	7.8	2.1	5.8	15.2	172	9	0	0	0		181	0	3	287	47	3	0	522
408 MKT QUAL FIELD CROP	20	6.8	1.0	4.4	4.0	83	0	0	0	0		83	0	3	302	2	8	3	400
409 PROD ANML PR IMP AC	58	12.8	7.3	15.7	14.8	266	117	0	194	0		577	19	54	715	89	16	9	1478
410 IMP MEAT MILK EGG P	87	27.1	29.4	34.6	41.6	795	97	0	23	0		915	15	91	1706	124	101	103	3054
411 IMP NON-FOOD ANML P	8	1.9	0.8	0.3	5.8	20	0	0	0	0		20	0	5	133	2	0	5	164
412 MKT QUAL ANIMAL PRO	45	10.9	6.2	13.8	14.2	235	44	0	43	0		322	0	11	667	3	48	4	1056
SUBTOTAL	616	190.0	114.2	220.0	237.2	3202	352	443	685	0		4683	132	288	10707	553	533	276	17171
SERIES 500																		
501 IMP GRADES & STANDS	33	10.5	5.8	10.8	14.9	243	38	0	0	0		281	12	16	558	67	54	8	997
502 MKTG TIMBER PRODUCT	13	3.5	1.7	2.9	2.7	14	33	17	0	0		64	17	10	51	0	0	325	467
503 MKTG EFF AGRI PRODS	88	20.9	8.3	10.2	18.4	372	273	0	117	0		762	121	6	607	13	41	3	1553
506 SPLY DEMAND AND PRI	78	19.0	6.9	15.5	24.0	278	447	0	1	0		726	51	21	675	26	7	5	1511
507 COMP REL IN AGRIC	26	4.6	0.5	0.8	4.0	40	50	0	0	0		90	19	2	123	1	0	0	234
508 DOMESTIC MKT DEVELP	24	4.6	1.1	1.7	5.9	33	71	0	0	0		104	0	0	136	4	0	15	259
509 PERFORMANCE MKTG SY	69	19.0	6.1	10.0	13.3	272	208	2	38	0		519	94	0	512	17	14	1	1157
510 GROUP ACT MKT POWER	13	2.4	3.9	0.9	2.7	31	0	0	130	0		162	1	0	61	0	10	12	245
511 IMP AGRIC STATISTIC	6	0.4	0.1	0.0	0.5	1	0	0	16	0		17	0	0	18	0	0	0	36
513 PRICE ANAL FRST PRO	7	1.9	1.3	0.7	0.7	2	0	28	0	0		30	0	6	49	0	7	0	92
SUBTOTAL	357	86.6	35.5	53.5	87.1	1286	1120	47	302	0		2755	315	60	2791	129	134	369	6552
SERIES 600																		
601 FGN MKT DEVELP	10	2.7	2.3	0.2	1.9	53	0	0	0	0		53	0	0	82	0	0	5	140
603 TECH AID DEV CRTY	8	0.4	0.5	0.5	0.1	0	0	0	0	0		0	35	13	8	0	0	37	92
604 PRD DVLPMT/MKTG PRG	5	0.3	0.9	0.6	0.3	10	0	0	0	0		10	0	6	24	0	0	0	40
SUBTOTAL	23	3.5	3.7	1.3	2.3	63	0	0	0	0		63	35	18	113	0	0	43	272
SERIES 700																		
701 TOX RES IN FOOD	48	14.4	3.6	17.2	11.6	104	171	0	422	0		697	1	91	498	11	107	20	1425
702 FOOD PROT FROM TOX	59	14.3	10.5	18.6	14.5	302	48	0	93	0		443	5	5	1151	6	67	38	1714
703 FOOD CONSUMP HABITS	63	16.7	6.2	13.3	12.9	84	45	0	579	0		708	2	22	215	1	6	4	958
704 HOME COMM FOOD SERV	8	2.6	1.6	1.5	2.2	4	13	0	6	0		23	0	0	112	0	1	0	136
705 SEL CARE CLOTH & TE	21	5.4	2.1	2.8	4.4	53	57	0	105	0		214	16	0	131	0	0	1	362
706 CONTR INSECTS AFF H	27	7.9	4.6	12.0	3.9	72	7	0	0	0		79	38	52	426	4	59	16	674
707 TRANS ANIML MAN DI	5	1.1	0.0	0.5	0.0	2	3	0	27	0		32	0	46	12	0	1	2	93
708 HUMAN NUTRITION	122	42.5	22.3	42.6	31.9	460	89	0	1284	0		1834	21	122	1069	9	62	8	3124
709 REDUCE HAZ HLTH & S	14	3.9	4.1	8.2	3.4	31	9	9	49	0		97	3	0	222	1	14	27	365
SUBTOTAL	367	108.8	55.1	116.7	84.8	1111	441	9	2566	0		4127	86	337	3836	31	317	116	8851

SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	HCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 800																	
801 RURAL HOUSING	21	6.4	6.4	6.2	3.9	56	105	0	106	5	272	0	0	184	0	3	2	462
802 INDIV & FAM DEC MAK	58	11.1	9.8	6.7	9.0	112	92	0	344	0	548	1	0	283	0	3	0	836
803 RURAL POVERTY	24	5.1	7.7	2.2	8.8	66	17	0	231	21	334	0	0	135	3	0	6	478
804 ECON POTENT RURL PE	46	10.5	10.5	6.6	11.3	119	77	0	266	45	506	8	4	222	12	13	0	766
805 COMMUNICAT RURAL PE	22	6.4	5.9	2.5	5.9	52	0	0	239	0	291	0	1	368	0	0	1	660
806 ADJUSTMENT TO CHANG	52	15.6	11.2	8.3	14.5	217	65	0	410	0	693	6	0	265	4	13	0	979
807 AGRIC ECONOMIC CHAN	37	11.2	4.1	4.8	14.3	151	6	0	136	0	293	27	30	281	6	2	1	639
808 GOV'T PROGRAMS	7	2.0	0.2	0.7	2.8	46	0	0	0	0	46	0	0	115	3	0	0	164
SUBTOTAL	267	68.3	55.8	38.1	70.5	818	362	0	1732	71	2983	42	34	1854	27	35	9	4984
SERIES 900																	
901 ALLEV POLLUTION	202	81.5	46.7	90.7	74.5	735	341	65	1032	0	2173	59	419	3138	112	324	198	6423
902 OUTDOOR RECREATION	29	7.5	2.6	6.2	4.7	32	12	72	59	0	175	9	66	265	3	49	55	622
903 MULTI-USE-FOREST PO	27	5.8	6.7	4.7	6.3	1	0	201	0	0	202	29	16	226	6	24	0	503
904 WLDLFE AND FISH ECO	196	70.2	54.5	71.5	66.6	392	215	211	244	0	1063	96	754	2669	224	630	783	6218
905 TREES BEAUTIFICATIO	22	5.8	2.7	6.3	5.2	55	0	0	42	0	97	2	179	245	7	15	0	546
906 ORNAMENT & TURF DEV	219	85.8	29.9	103.8	100.4	968	167	0	22	0	1157	31	29	5274	167	235	142	7035
907 RURAL INCOME IMP	68	16.8	10.5	14.8	22.4	258	75	0	311	60	704	2	2	364	12	8	26	1119
908 RURAL INSTITUT IMP	78	18.0	14.2	8.3	13.0	342	105	0	155	93	696	17	77	497	9	8	15	1318
990 UNCLASSIFIED	19	48.1	102.2	139.7	122.5	212	80	23	0	0	315	265	796	1989	1126	491	879	5861
SUBTOTAL	860	339.5	270.0	446.0	415.7	2996	996	571	1864	153	6580	511	2339	14666	1666	1785	2099	29646
SCIENCE IN SERV OF MAN	7341		1356.2		3184.5		7286		13018		54061		10429		12226		7536	
GRAND TOTAL		2446.5		2921.8		29947		3547		263		4628		139144		9939		237963

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	HCIN RRF	SP STEN	GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	385	111.8	138.6	76.4	68.0	1383	337	131	26	5	1883	224	1499	5645	569	1228	906	11954
0200 WATER	233	47.7	63.3	37.2	34.2	460	157	29	12	0	658	48	1143	2167	312	238	110	4676
0300 WATERSHEDS RIVER BAS	38	9.0	11.7	6.2	9.7	105	3	32	0	1	141	63	276	391	20	13	2	905
0400 AIR AND CLIMATE	52	14.1	19.2	8.1	13.3	191	169	9	0	0	369	10	178	709	43	120	3	1432
0500 RECREATION RESOURCES	60	13.6	13.5	7.9	6.4	112	72	88	0	4	275	12	254	584	5	32	68	1229
0600 TIMBER FORST PRODUCT	310	94.3	89.6	68.3	45.7	354	791	637	1	0	2071	412	322	4275	164	514	326	8085
0700 RANGE	48	14.0	11.8	7.2	4.7	137	7	6	7	0	157	30	18	568	91	30	59	953
0800 WILDLIFE AND FISH	121	25.3	48.3	25.6	17.9	218	11	17	1	0	247	10	738	1341	29	464	135	2963
0900 CITRUS SUB TROP FRUT	2	0.5	0.8	0.0	0.2	0	8	0	0	0	8	0	8	6	3	1	0	27
1000 FRUIT NUTS DECIDUOUS	154	46.1	39.4	48.5	45.4	732	68	0	12	0	812	51	28	3336	107	245	114	4693
1100 POTATOES	84	22.5	20.9	16.6	12.2	268	188	0	0	0	456	6	102	1250	36	163	39	2052
1200 VEGETABLES	244	60.2	60.7	48.5	25.4	1108	73	0	79	0	1260	92	233	3466	74	457	35	5616
1300 ORNAMENTALS TURF	128	40.8	26.9	47.4	19.9	504	13	0	11	0	527	25	8	2747	48	204	99	3659
1400 CORN	417	104.7	117.5	95.1	92.6	1945	406	0	68	2	2421	549	615	5443	511	1054	160	10753
1500 GRAIN SORGHUM	123	24.0	27.6	25.8	19.4	266	78	0	0	0	343	56	93	1158	322	63	5	2040
1600 RICE	12	3.7	7.7	4.9	5.4	3	0	0	0	0	4	0	2	319	0	0	19	344
1700 WHEAT	284	72.3	80.0	75.2	37.5	824	230	0	94	1	1148	135	110	3512	436	350	338	6030
1800 OTHER SMALL GRAINS	138	33.0	27.9	32.6	19.6	557	24	0	12	0	592	6	6	1707	182	419	55	2967
1900 PASTURE	38	5.7	5.3	8.5	8.8	150	35	0	14	1	200	14	0	493	44	15	7	773
2000 FORAGE CROPS	241	56.4	58.3	52.5	41.2	895	491	0	37	1	1423	88	394	3009	284	216	254	5668
2100 COTTON	8	4.9	2.9	3.4	2.8	32	1	0	0	0	33	0	0	166	52	45	0	295
2300 SOYBEANS	316	81.5	97.1	68.5	56.6	1254	277	0	317	1	1850	213	336	4031	353	883	193	7859
2400 PEANUTS	1	0.0	0.0	0.0	0.0	2	0	0	0	0	2	0	0	1	0	0	0	3
2500 OTHER OILSEED CROPS	42	10.9	6.7	8.5	2.7	109	9	0	0	0	118	16	1	470	56	22	43	727
2600 TOBACCO	5	1.5	0.8	1.1	0.5	11	0	0	0	0	11	1	0	98	1	2	0	113
2700 SUGAR CROPS	36	4.8	5.8	5.8	1.7	64	4	0	0	0	68	1	0	298	29	100	4	500
2800 MISC NEW CROPS	23	9.1	3.1	5.4	4.9	67	38	0	0	0	105	10	27	351	20	49	8	570
2900 POULTRY	182	61.3	51.3	79.4	66.3	1086	472	0	0	0	1558	155	212	3773	455	120	253	6526
3000 BEEF CATTLE	346	99.7	119.5	223.1	146.6	1979	655	1	222	0	2857	331	243	8035	6132	513	137	18248
3100 DAIRY CATTLE	329	100.5	126.7	112.8	132.7	2110	773	0	85	0	2969	221	1093	7713	1107	881	245	14230
3200 SWINE	266	85.7	90.2	120.8	128.9	1738	468	0	286	0	2491	182	346	5722	2263	865	43	11911
3300 SHEEP AND WOOL	106	22.5	19.6	34.1	17.9	347	121	1	36	0	506	22	45	1976	463	101	17	3129
3400 OTHER ANIMALS	106	20.9	30.7	11.4	14.9	322	39	0	27	0	388	7	303	1095	174	114	14	2094
3500 BEES AND HONEY	10	3.9	2.7	0.5	1.2	10	0	0	0	0	10	0	1	217	1	0	3	233
3600 FARM SUPP & FACILITS	47	14.6	12.3	8.0	8.4	210	17	0	19	0	246	12	83	642	235	64	20	1302
3700 CLOTHING & TEXTILES	22	7.0	5.2	1.7	2.9	151	0	0	0	0	151	0	0	299	6	9	4	469
3800 FOOD	165	38.3	55.2	27.7	25.4	769	174	0	116	0	1059	35	883	1952	37	196	241	4404
3900 HOUSING & EQUIP	73	14.5	12.6	5.8	5.0	219	62	3	0	1	285	139	71	647	9	67	5	1222
4000 PEOPLE AS INDIVIDUAL	206	49.0	63.3	19.3	34.0	563	179	0	341	88	1171	13	664	2047	57	113	47	4112
4100 FAMILY MEMBERS	98	21.0	24.8	4.7	10.9	210	193	0	120	23	547	0	32	1020	8	26	14	1645
4200 FARM AS BUSINESS	73	18.8	17.7	3.4	19.7	349	9	0	0	0	357	32	20	768	32	14	17	1242
4300 SOC POLIT ORGANIZ	129	37.5	52.0	12.9	25.4	543	125	16	45	155	885	58	75	1672	18	123	26	2857
4400 AGRIC ECONOMY U S	47	14.5	24.1	8.6	13.1	272	44	0	53	0	369	124	92	718	23	20	11	1356
4500 AGRIC ECONOMY FORGN	15	4.4	5.6	7.5	8.2	37	0	0	0	0	37	103	48	108	19	2	7	324
4600 FARM COOPERATIVES	19	3.0	5.4	6.6	2.9	110	31	0	0	0	141	13	12	84	7	10	0	266
4700 OTH MARKET PROCESS	11	1.4	1.8	2.5	1.5	32	6	0	0	0	39	1	17	61	6	4	0	128
4800 MARKETING SYSTEMS	51	12.6	12.0	7.8	10.0	200	112	0	42	0	354	86	52	322	15	11	2	841
6100 WEEDS	10	2.2	1.4	2.8	0.7	38	13	0	0	0	51	0	27	77	2	17	0	173
6200 SEED RESEARCH	6	2.1	5.3	4.6	3.8	24	0	0	0	0	24	0	35	35	252	11	2	360
6300 BIO CELL SYSTEMS	97	34.7	63.6	17.2	20.8	362	19	0	0	0	381	3	1560	1561	55	100	108	3768
6400 EXP DESIGN/STAT METH	31	11.5	7.5	6.0	4.5	101	4	4	0	0	110	435	89	534	22	12	5	1207
6500 INVERTEBRATES	42	16.5	12.8	8.4	7.0	196	3	0	0	0	199	77	238	743	25	48	45	1376
6600 MICROORGANISMS,VIRUS	81	27.9	42.5	12.9	14.2	267	23	0	0	0	290	43	927	1216	3	128	116	2723
6700 PLANTS	171	56.1	63.8	61.0	37.3	596	79	1	216	0	892	120	759	3021	612	195	131	5730
6800 ANIMALS(VERTEBRATES)	129	46.9	56.0	57.2	49.7	496	135	0	44	0	675	61	1157	2251	270	153	159	4726
6900 RESEARCH ON RSCH MGM	9	3.1	1.7	1.3	0.7	30	0	0	0	0	30	35	0	145	0	0	0	211
7000 RSCH EQUIP & TECHNOL	42	9.5	11.1	5.5	2.9	83	64	46	0	0	194	107	231	431	5	53	27	1047
9900 UNCLASSIFIED	16	24.2	90.1	26.0	57.9	8	26	0	0	34	68	409	619	3358	1228	443	96	6221
TOTAL	6478	1778.3	2074.1	1686.5	1472.2	25211	6627	2023	2342	315	36518	4893	16325	99787	17332	11338	4774	190967

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	MATH	MCIN	SP FRM	STEM	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RES	70	26.7	29.0	15.8	10.7	232	84	16	0	2		334	14	346	1147	83	448	546	2917
102 SOIL PLNT WTR NUTRI	192	53.3	55.2	41.1	29.5	699	86	120	3	0		508	8	458	3043	451	370	165	5404
103 MGMT OF SALINE SOIL	6	1.2	1.7	1.1	1.0	7	0	0	0	0		7	0	4	80	15	2	0	109
104 ALTERN USE OF LAND	62	17.2	25.7	3.1	11.9	215	41	14	0	3		273	27	296	538	17	201	134	1487
105 CONSERV USE OF WATE	67	14.4	12.6	10.8	11.3	88	15	10	0	0		113	13	290	668	144	77	14	1320
106 DRAIN AND IRRIGATIO	38	9.9	9.6	9.7	6.0	137	0	0	0	0		137	70	140	560	157	8	5	1076
107 WATERSHED PROT & MG	45	12.2	18.0	8.8	11.8	177	3	44	1	1		227	109	369	572	34	44	6	1362
108 ECON LEG PROB OF WA	16	7.5	10.4	3.4	6.7	116	0	0	0	0		116	2	90	211	0	1	10	432
109 WEATHER ADAPT & MOD	47	14.8	18.2	9.3	14.6	200	155	9	0	0		365	10	181	759	55	123	3	1494
110 APPRAIS FORST & RAN	38	6.4	5.8	3.0	2.8	7	0	121	0	0		127	27	28	234	0	16	29	462
111 BIOL CULT MGMT FORS	103	27.8	30.4	20.4	18.4	65	20	540	0	0		625	108	31	1438	130	65	151	2548
112 IMPROV RANGE RESOR	29	9.1	7.4	5.0	3.3	64	7	2	7	0		80	8	1	389	74	19	43	615
113 REMOTE SENSING	24	3.0	9.0	3.4	2.6	19	0	41	0	0		60	112	242	152	0	3	15	583
114 RSCH ON MGMT OF RSC	9	3.1	1.7	1.3	0.7	30	0	0	0	0		30	35	0	145	0	0	0	211
SUBTOTAL	746	206.4	234.7	136.2	131.4	2058	411	916	11	6		3402	542	2477	9937	1161	1378	1122	20019
SERIES 200																		
201 CNTRL FORST INSECTS	39	8.6	13.5	2.4	2.2	52	6	138	0	0		196	71	22	328	6	11	20	653
202 CONTROL FOREST DIS	38	6.5	9.3	4.4	3.2	57	0	140	0	0		197	20	0	291	4	19	54	584
203 FOREST FIRE PROTECT	2	0.3	0.6	0.1	0.0	0	0	0	0	0		0	0	0	30	0	0	1	30
204 CNTR PESTS FRT & VE	58	12.7	15.5	10.0	4.9	180	22	0	32	0		235	28	57	734	8	142	81	1285
205 CNTR DISE FRT & VEG	121	32.1	31.2	24.3	15.1	443	49	0	18	0		510	62	46	1545	23	213	10	2409
206 CNTR WEEDS FRT & VE	27	5.5	8.6	5.2	2.0	107	5	0	0	0		112	1	12	370	11	78	12	596
207 CNTR PESTS FLD CROP	124	42.3	49.8	28.2	30.9	703	195	0	31	0		929	387	153	1875	98	329	81	3851
208 CNTR DIS FIELD CROP	207	66.9	64.7	61.7	30.4	1025	261	0	55	0		1340	40	138	3324	103	485	67	5457
209 CNTR WEEDS FLD CROP	79	20.8	31.3	26.8	18.6	311	28	0	16	5		360	24	20	1488	252	373	34	2550
210 CONTR PESTS ANIMALS	27	5.3	3.8	2.3	3.4	63	4	0	1	0		68	21	0	255	48	21	0	413
211 CONTR DIS ANIMALS	174	64.8	49.2	90.7	55.3	743	532	0	104	0		1379	426	453	4434	281	361	106	7439
212 CNTR INTER PARASITE	22	5.9	5.0	9.9	4.7	73	17	0	0	0		90	0	20	405	19	140	0	675
213 PROT ANMLS FROM TOX	33	5.1	8.6	8.4	7.7	77	60	0	0	0		138	1	89	465	97	22	48	861
214 PROTECT FROM POLLUT	76	14.0	15.2	12.5	4.9	126	68	43	0	0		237	21	207	696	17	109	41	1328
SUBTOTAL	1027	290.7	306.0	286.8	183.4	3960	1248	321	256	5		5790	1101	1217	16238	968	2262	555	28132
SERIES 300																		
301 GENET BREED FORST T	42	9.8	7.7	16.6	6.1	43	33	299	0	0		376	11	8	701	1	22	3	1121
302 IMP FOREST ENG SYS	4	1.2	0.7	0.0	0.6	0	0	29	0	0		29	0	4	31	0	2	0	66
303 ECON TIMBER PRODUCT	12	2.2	3.2	1.7	1.4	0	0	46	0	0		46	7	0	136	3	1	3	196
304 IMP BIO EFF FRT & V	179	54.8	48.5	58.2	44.0	842	112	0	55	0		1009	47	181	3993	118	221	55	5624
305 MECH PRCD FRT & VEG	18	5.6	1.5	4.5	1.8	138	7	0	0	0		145	13	0	313	8	14	2	495
306 PROD MGMT SYS F & V	20	2.4	0.8	2.8	1.7	63	0	0	0	0		63	0	0	181	10	9	1	264
307 IMP BIO EFF FLD CRP	456	194.9	191.8	232.8	147.0	2649	484	0	310	0		3442	445	805	11216	1838	1507	730	19982
308 MECH PROD FIELD CRO	30	6.3	9.4	7.3	4.6	77	52	0	0	0		129	27	114	414	26	35	33	778
309 PROD MGMT SYS FLD C	78	16.8	10.5	10.1	14.3	336	26	0	0	0		362	51	61	914	177	68	6	1638
310 ANIMAL REPRODUCTION	133	48.5	64.1	76.9	69.9	902	235	0	231	0		1367	64	418	3277	1253	202	73	6654
311 IMP BIO EFF ANML PR	384	158.9	175.4	328.7	244.7	3275	1086	2	130	0		4494	225	821	13800	7159	1303	271	28072
312 ENV STRESS IN ANML	51	15.7	17.6	20.6	22.3	332	71	0	0	0		403	62	47	1167	279	156	15	2128
313 PROD MGMT SYS ANML	97	20.7	20.1	16.0	36.3	342	175	0	24	0		542	14	44	1737	772	111	10	3229
314 BEES OTH POLLNTNG I	10	3.9	2.7	0.5	1.2	10	0	0	0	0		10	0	1	217	1	0	3	233
315 IMP STRUC FARM SUPP	50	17.2	13.2	9.6	8.8	235	4	0	0	0		238	111	2	785	237	85	14	1473
316 FARM BUSINESS MGMT	55	13.7	14.5	2.3	14.4	259	9	0	0	0		267	21	20	581	29	14	17	951
317 MECH/STRUCTS ANML P	26	4.0	3.2	1.7	3.3	86	3	0	20	0		109	42	1	221	12	23	20	428
318 NON-COM BIO TECH/BI	314	125.2	183.3	72.6	77.7	1262	120	5	0	0		1387	57	4078	5581	420	410	375	12308
SUBTOTAL	1959	701.6	768.1	862.8	700.1	10850	2417	382	770	0		14419	1198	6603	45263	12342	4184	1629	85639
SERIES 400																		
401 NEW IMP FOREST PROD	27	22.4	7.2	8.2	7.5	104	13	186	0	0		303	99	205	584	6	326	18	1541
402 PROD F & V IMP ACCE	43	10.6	8.9	8.9	5.0	189	8	0	0	0		197	3	0	568	4	43	37	852
403 NEW & IMP F&V PROD	32	6.3	6.9	4.4	5.0	177	36	0	0	0		213	1	90	366	7	62	8	747
404 MKT QUAL FRTS & VEG	31	6.4	9.8	2.5	5.4	134	87	0	24	0		245	1	1	326	10	92	8	681
405 PROD FLD CROP IMP A	76	24.1	17.3	19.5	16.9	323	160	0	0	0		482	38	139	822	146	147	42	1817
406 NEW IMP FOOD FLD CR	71	21.2	32.1	18.6	14.6	388	91	0	56	0		535	1	234	898	128	111	37	1944
407 NEW IMP NON-FOOD FC	16	5.7	9.7	2.2	1.7	38	27	0	0	0		65	0	77	198	24	39	2	405
408 MKT QUAL FIELD CROP	45	10.6	11.0	7.6	7.5	185	17	0	1	0		203	123	18	491	15	69	25	944
409 PROD ANML PR IMP AC	55	14.9	18.2	14.3	22.7	542	80	0	90	0		713	36	89	909	366	73	7	2193
410 IMP MEAT MILK EGG P	103	31.2	43.4	27.7	25.8	641	65	0	0	0		706	6	244	1438	329	125	87	2936
411 IMP NON-FOOD ANML P	3	0.8	0.7	0.1	0.5	2	0	0	0	0		2	0	0	15	2	0	0	19
412 MKT QUAL ANIMAL PRO	43	8.9	13.6	4.6	6.2	225	48	0	0	0		274	6	2	412	51	63	28	837
SUBTOTAL	545	163.3	179.0	118.6	118.9	2948	631	186	172	0		3937	314	1100	7027	1089	1150	300	14916
SERIES 500																		
501 IMP GRADES & STANDS	11	3.5	2.9	0.5	3.5	62	9	0	0	0		71	0	0	111	3	11	45	240
502 MKTG TIMBER PRODUCT	2	0.5	0.0	0.7	0.0	4	0	2	0	0		5	12	0	12	0	2	2	34
503 MKTG EFF AGRI PRODS	74	15.9	25.6	11.3	13.9	342	150	0	121	0		613	65	131	521	12	99	29	1471
506 SPLY DEMAND AND PRI	35	7.5	13.9	3.5	12.5	196	30	0	0	0		225	61	25	446	16	13	7	792
507 COMP REL IN AGRIC	17	3.5	5.9	1.7	2.7	93	23	0	26	0		143	28	33	143	7	0	16	370
508 DOMESTIC MKT DEVELP	5	0.7	1.0	0.2	0.9	19	0	0	0	0		19	0	0	41	7	1	7	74
509 PERFORMANCE MKTG SY	50	14.3	16.1	10.6	12.5	284	167	0	45	0		496	97	59	430	53	26	1	1162
510 GROUP ACT MKT POWER	14	2.4	3.0	0.6	2.4	48	8	0	13	0		69	17	5	78	3	0	0	173
511 IMP AGRIC STATISTIC	17	4.6	2.8	1.9	2.1	41	4	0	0	0		45	393	67	203	3	0	4	715
512 IMP GRADES FRST PRO	3	0.2	0.0	0.5	0.0	0	2	0	0	0		2	32	0	4	0	0	0	39
513 PRICE ANAL FRST PRO	5	0.8	1.5	0.6	0.4	0	0	19	0	0		19	13	0	39	0	0	7	78
SUBTOTAL	233	53.8	72.6	32.0	50.9	1089	393	20	206	0		1708	720	320	2029	102	151	118	5149
SERIES 600																		
601 FGN MKT DEVELP	28	6.0	6.0	5.2	7.6	131	105	0	0	0		236	33	9	191	0	8	9	486
602 EVAL FGN FOOD AID P	2	0.2	0.2	0.0	0.1	4	0	0	0	0		4	0	0	8	0	0	0	12
603 TECH AID DEV CRTY	24	9.6	27.3	7.2	15.3	3	0	0	0	0		3	125	77	183	44	31	9	472
SUBTOTAL	54	15.8	33.5	12.4	22.9	138	105	0	0	0		243	159	85	382	44	39	18	970
SERIES 700																		
701 TOX RES IN FOOD	42	10.8	12.4	4.5	8.3	86	111	0	141	0		338	21	94	275	17	33	32	809
702 FOOD PROT FROM TOX	66	17.3	19.5	12.3	11.1	320	69	0	0	0		390	1	460	867	20	112	1	1851
703 FOOD CONSUMP HABITS	58	8.5	11.5	3.7	7.4	132	34	0	176	0		342	9	2	260	3	31	5	652
704 HOME COMM FOOD SERV	27	5.8	8.7	4.5	3.8	101	46	0	0	0		147	0	2	302	24	6	1	481
705 SEL CARE CLOTH & TE	21	6.8	4.9	1.7	2.8	149	0	0	0	0		149	0	0	292	6	2	4	452
706 CONTR INSECTS AFF M	19	7.0	5.6	3.5	3.6	109	3	0	0	0		112	88	129	281	5	65	32	712
707 TRANS ANIML MAN DI	15	2.5	4.1	4.6	1.1	6	10	0	0	0		16	0	180	150	1	10	0	357
708 HUMAN NUTRITION	111	25.8	36.3	20.3	18.8	359	145	0	396	0		900	0	780	1092	31	90	248	3142
709 REDUCE HAZ HLTH & S	18	3.7	1.3	0.9	1.1	62	0	0	0	0		62	9	1	126	1	11	0	210
SUBTOTAL	377	88.1	104.3	56.0	57.9	1324	418	0	714	0		2456	127	1648	3643	108	360	323	8666

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 800																		
801 RURAL HOUSING	22	4.4	2.0	0.5	0.8	40	9	0	0	1	49	0	49	126	0	27	7	259
802 INDIV & FAM DEC MAK	65	14.8	19.0	1.9	6.3	177	103	0	0	8	288	0	17	822	8	21	5	1160
803 RURAL POVERTY	4	0.4	1.0	0.1	0.7	12	0	0	0	0	12	1	2	14	3	0	0	31
804 ECON POTENT RURL PE	27	9.4	8.5	1.8	5.7	171	12	0	0	94	277	2	6	268	7	0	0	560
805 COMMUNICAT RURAL PE	40	11.7	12.8	2.8	10.3	103	12	0	30	20	165	1	28	728	22	4	1	949
806 ADJUSTMENT TO CHANG	60	14.8	21.8	3.1	9.4	129	197	0	0	21	348	4	51	648	16	1	4	1073
807 AGRIC ECONOMIC CHAN	55	13.9	19.3	5.1	14.2	299	37	0	53	0	389	68	41	663	7	3	11	1183
808 GOV'T PROGRAMS	19	3.6	3.7	1.8	2.2	44	8	0	0	0	52	27	36	134	0	4	0	254
SUBTOTAL	292	72.8	88.0	17.1	49.5	975	378	0	83	144	1580	104	230	3404	63	61	28	5469
SERIES 900																		
901 ALLEV POLLUTION	194	47.3	70.8	43.9	34.5	545	410	21	73	0	1048	108	1124	2346	112	518	207	5463
902 OUTDOOR RECREATION	52	11.8	11.8	7.0	5.3	109	66	75	0	4	253	12	254	517	5	32	31	1103
903 MULTI-USE-FOREST PO	16	4.3	4.7	1.8	2.7	5	6	38	0	0	48	4	1	113	1	4	103	275
904 WLDLFE AND FISH ECO	105	22.4	42.7	21.3	17.2	184	0	14	1	0	199	7	582	1162	26	439	96	2511
905 TREES BEAUTIFICATIO	36	5.8	4.5	8.7	3.4	39	5	33	0	0	77	3	0	479	14	44	58	675
906 ORNAMENT & TURF DEV	118	38.7	25.5	43.4	17.6	490	13	0	11	0	513	25	8	2512	47	178	56	3341
907 RURAL INCOME IMP	36	8.3	9.1	3.5	4.4	135	3	0	11	38	187	37	22	413	8	7	16	691
908 RURAL INSTITUT IMP	83	22.9	28.7	9.2	14.1	355	99	16	34	84	588	23	35	963	12	88	18	1727
990 UNCLASSIFIED	16	24.2	90.1	26.0	57.9	8	26	0	0	34	68	409	619	3358	1228	443	96	6221
SUBTOTAL	656	185.7	287.8	164.6	157.2	1869	627	198	130	160	2983	628	2645	11864	1454	1753	680	22008
SCIENCE IN SERV OF MAN	5889		2074.1		1472.2		6627		2342		36518		16325		17332		4774	
GRAND TOTAL		1778.3		1686.5		25211		2023		315		4893		99787		11338		190968

SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	HRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	319	113.7	142.4	80.7	63.8	865	419	111	150	0	1546	552	1962	5461	199	830	571	11122
0200 WATER	207	63.3	81.4	36.6	41.2	357	323	56	0	4	740	398	1425	3097	78	274	328	6340
0300 WATERSHEDS RIVER BAS	36	11.2	14.7	6.1	4.2	12	23	53	0	0	87	275	189	326	1	25	114	1017
0400 AIR AND CLIMATE	45	16.3	15.4	6.3	6.6	56	60	26	0	0	142	109	348	805	25	59	92	1579
0500 RECREATION RESOURCES	53	15.9	17.1	5.4	6.7	44	95	131	0	0	270	128	258	674	5	12	47	1394
0600 TIMBER FORST PRODUCT	390	141.8	174.4	60.2	92.6	124	1021	504	43	0	1772	1329	2257	6462	548	678	462	13509
0700 RANGE	164	43.8	42.4	17.3	27.6	380	17	85	0	0	482	226	544	2231	122	220	67	3893
0800 WILDLIFE AND FISH	162	49.5	76.3	40.0	45.5	178	1	136	0	0	314	314	2158	2741	164	375	256	6322
0900 CITRUS SUB TROP FRUT	147	57.1	65.5	21.5	58.2	438	57	0	0	0	494	129	203	4902	8	142	74	5953
1000 FRUIT NUTS DECIDUOUS	276	102.8	84.1	87.4	127.1	685	451	0	21	0	1157	80	206	7822	223	647	242	10376
1100 POTATOES	90	32.2	13.0	43.1	35.7	256	24	0	60	0	340	6	44	1983	77	614	19	3082
1200 VEGETABLES	350	97.7	96.8	61.9	100.5	912	347	1	157	0	1417	287	487	7138	148	616	166	10259
1300 ORNAMENTALS TURF	131	42.0	49.3	17.2	39.0	206	6	6	7	0	225	94	71	2847	67	220	79	3603
1400 CORN	58	11.9	10.3	8.9	12.4	103	9	0	0	0	112	15	59	693	10	36	69	993
1500 GRAIN SORGHUM	29	4.1	2.9	2.0	2.9	32	3	0	0	0	35	3	1	316	4	10	0	370
1600 RICE	15	4.8	6.8	2.0	4.8	22	0	0	0	0	22	42	14	456	0	40	1	575
1700 WHEAT	167	40.9	34.9	49.8	48.7	407	122	0	152	0	681	30	126	2424	257	467	212	4197
1800 OTHER SMALL GRAINS	126	23.5	18.4	25.3	25.9	234	89	0	0	0	322	71	88	1402	138	188	93	2301
1900 PASTURE	27	4.6	1.6	3.1	7.5	18	0	0	0	0	18	0	16	379	19	5	3	440
2000 FORAGE CROPS	230	62.0	46.3	38.9	38.7	547	208	0	160	0	915	43	926	3352	100	200	68	5604
2100 COTTON	84	28.6	28.3	12.4	17.8	237	97	0	23	0	357	58	130	1961	31	306	50	2892
2200 COTTONSEED	4	1.4	0.6	1.8	0.3	6	11	0	0	0	17	4	9	55	1	16	10	112
2300 SOYBEANS	29	5.7	35.3	6.0	8.4	45	8	0	98	0	151	14	473	325	4	58	124	1149
2400 PEANUTS	5	2.4	0.8	0.2	1.5	0	0	0	6	0	7	4	9	92	1	14	0	128
2500 OTHER OILSEED CROPS	31	6.8	10.5	3.5	12.3	29	24	0	21	1	76	42	53	762	18	53	12	1015
2600 TOBACCO	1	0.3	0.0	0.0	0.0	17	0	0	0	0	17	0	7	19	0	0	0	44
2700 SUGAR CROPS	70	13.8	12.5	7.4	11.9	129	15	0	7	0	151	17	26	848	49	125	4	1220
2800 MISC NEW CROPS	43	10.7	11.4	9.8	17.3	57	32	0	0	0	89	32	115	1069	28	170	160	1662
2900 POULTRY	85	33.6	26.8	29.9	27.5	380	155	0	0	0	535	8	271	2355	77	171	113	3530
3000 BEEF CATTLE	262	112.3	83.9	106.8	124.6	1243	1189	0	158	0	2590	124	659	6666	2888	361	445	13732
3100 DAIRY CATTLE	133	35.7	30.1	24.6	39.3	494	192	0	5	0	691	42	111	3099	257	110	78	4389
3200 SWINE	37	6.5	5.2	3.3	16.5	67	22	0	5	0	94	10	89	668	226	6	9	1102
3300 SHEEP AND WOOL	100	32.6	17.9	26.1	33.6	328	338	0	0	0	666	14	108	2002	90	72	355	3308
3400 OTHER ANIMALS	67	18.5	22.8	24.6	14.1	148	59	0	0	0	207	4	483	1086	50	60	61	1912
3500 BEES AND HONEY	23	10.0	8.8	2.2	4.2	53	91	0	0	0	144	7	34	429	14	66	13	707
3600 FARM SUPP & FACILITS	18	3.3	2.9	0.9	2.0	31	8	0	0	0	38	5	0	105	14	29	31	223
3700 CLOTHING & TEXTILES	16	3.1	3.0	0.0	1.4	20	21	0	0	0	41	0	2	178	0	0	3	223
3800 FOOD	106	31.6	35.8	11.2	23.7	299	147	0	91	0	536	46	650	1729	38	106	56	3162
3900 HOUSING & EQUIP	50	12.4	8.2	7.5	14.2	62	0	21	20	0	104	110	101	675	9	74	26	1100
4000 PEOPLE AS INDIVIDUAL	151	39.1	60.3	23.4	27.9	285	180	0	108	20	593	225	844	1772	63	140	164	3801
4100 FAMILY MEMBERS	36	8.5	6.6	1.5	4.5	73	150	0	14	2	238	23	64	296	14	1	0	637
4200 FARM AS BUSINESS	34	15.4	11.0	3.8	8.4	100	45	0	0	0	144	34	425	435	13	8	295	1355
4300 SOC POLIT ORGANIZ	79	25.6	20.9	7.4	13.6	267	48	0	28	69	412	12	417	751	26	60	86	1763
4400 AGRIC ECONOMY U S	26	6.8	4.7	2.2	5.3	44	58	0	0	0	102	17	57	264	12	1	4	457
4500 AGRIC ECONOMY FORGN	6	1.9	4.9	0.6	1.7	23	0	0	0	0	23	16	0	142	0	1	1	183
4600 FARM COOPERATIVES	11	1.6	0.6	0.0	0.9	10	1	0	0	0	11	2	0	57	1	5	0	76
4700 OTH MARKET PROCESS	9	1.1	0.7	0.0	0.6	12	4	0	0	0	16	0	0	36	0	3	0	55
4800 MARKETING SYSTEMS	18	3.9	5.3	1.2	4.1	39	3	2	12	0	55	6	0	207	5	41	24	339
6100 WEEDS	19	7.0	5.4	1.8	2.9	61	2	0	0	0	63	19	16	422	15	17	0	552
6200 SEED RESEARCH	9	3.6	0.9	1.5	0.5	33	2	0	0	0	35	0	50	128	1	2	1	216
6300 BIO CELL SYSTEMS	45	19.8	31.3	7.4	9.6	48	22	0	0	0	70	13	579	994	6	67	13	1742
6400 EXP DESIGN/STAT METH	16	5.0	3.9	0.7	7.6	19	0	0	0	0	19	69	18	321	46	31	0	505
6500 INVERTEBRATES	109	51.5	90.2	25.6	31.5	221	51	0	0	0	272	75	1152	3052	71	241	32	4894
6600 MICROORGANISMS,VIRUS	60	18.3	24.9	5.9	12.2	132	13	0	0	0	145	0	828	1011	42	39	2	2067
6700 PLANTS	226	68.2	90.3	32.5	42.9	558	149	0	155	0	863	82	1060	4410	59	438	87	7000
6800 ANIMALS(VERTEBRATES)	89	45.5	34.2	44.7	31.8	125	91	0	9	0	225	200	817	2523	71	156	450	4442
6900 RESEARCH ON RSCH MGH	8	1.9	1.4	4.3	1.9	4	1	0	0	0	6	75	100	134	4	0	6	326
7000 RSCH EQUIP & TECHNOL	31	9.2	21.2	5.4	10.9	12	2	3	0	0	17	62	388	605	32	40	23	1166
9900 UNCLASSIFIED	17	23.9	42.2	84.6	56.8	35	7	11	0	33	87	128	418	429	222	52	31	1366
TOTAL	5185	1666.4	1800.1	1146.3	1435.9	11621	5594	2145	1510	129	20998	5734	21948	97584	6689	8794	5735	167483

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SCURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	RRF	MCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	CTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RES	59	20.9	14.0	13.8	12.4	190	72	8	0	0		269	102	460	872	24	71	129	1928
102 SOIL PLNT WTR NUTRI	133	44.2	45.5	37.0	22.2	302	71	60	0	0		433	182	527	2189	128	246	179	3886
103 MGMT OF SALINE SOIL	39	10.1	15.7	7.1	3.6	37	84	0	0	0		122	76	278	591	5	51	54	1176
104 ALTERN USE OF LAND	52	18.7	22.9	8.7	14.2	186	71	63	0	0		320	179	417	566	10	124	63	1679
105 CONSERV USE OF WATE	93	25.6	22.8	15.0	15.3	163	125	12	0	4		305	113	451	1157	34	84	161	2305
106 DRAIN AND IRRIGATIO	47	11.7	14.7	5.0	10.2	54	45	0	0	0		99	48	196	769	10	69	25	1215
107 WATERSHED PROT & MG	55	19.0	24.6	8.5	12.5	22	16	91	110	0		239	287	639	921	4	152	181	2423
108 ECON LEG PROB OF WA	9	2.3	6.1	0.8	3.6	11	12	0	0	0		23	34	15	147	0	6	23	247
109 WEATHER ADAPT & MOD	39	13.9	9.0	6.4	6.7	73	112	26	0	0		211	47	280	588	14	44	103	1286
110 APPRAIS FORST & RAN	44	10.0	8.7	3.4	5.8	35	0	130	0	0		165	80	168	383	7	4	2	809
111 BIOL CULT MGMT FORS	117	34.5	59.4	20.7	31.1	13	9	543	0	0		566	434	651	1709	358	137	152	4008
112 IMPROV RANGE RESOR	108	27.2	28.6	11.4	20.9	187	0	33	0	0		220	138	348	1566	105	190	47	2615
113 REMOTE SENSING	11	4.1	6.3	1.1	3.9	17	1	14	0	0		32	66	138	111	21	8	7	382
114 RSCH ON MGMT OF RSC	8	1.9	1.4	4.3	1.9	4	1	0	0	0		6	75	100	134	4	0	6	326
SUBTOTAL	814	244.3	279.9	143.1	164.2	1296	619	979	110	4		3008	1860	4669	11703	725	1186	1132	24284
SERIES 200																		
201 CNTRL FORST INSECTS	62	17.7	19.3	4.8	7.1	15	30	126	0	0		171	250	353	630	20	16	15	1456
202 CONTROL FOREST DIS	38	9.4	11.4	4.0	5.7	8	33	123	32	0		196	51	89	495	10	31	22	895
203 FOREST FIRE PROTECT	7	0.9	0.8	1.2	0.2	1	0	4	0	0		5	15	3	32	31	1	3	91
204 CNTR PESTS FRT & VE	119	43.4	50.3	26.0	39.6	342	208	0	0	0		549	117	159	3266	50	277	57	4476
205 CNTR DISE FRT & VEG	204	62.4	69.5	44.2	70.9	548	187	0	60	0		795	41	188	5043	68	502	82	6720
206 CNTR WEEDS FRT & VE	51	11.6	6.0	13.5	10.5	68	62	0	25	0		155	12	16	779	26	95	25	1108
207 CNTR PESTS FLD CROP	104	37.4	38.5	16.5	24.7	345	84	0	34	0		464	60	314	2050	46	176	17	3126
208 CNTR DIS FIELD CROP	119	32.4	40.7	24.9	33.1	424	79	0	44	0		548	32	140	2068	93	328	98	3308
209 CNTR WEEDS FLD CROP	64	18.2	13.5	11.1	12.6	159	59	0	19	0		237	31	19	931	28	139	54	1440
210 CONTR PESTS ANIMALS	19	3.6	3.0	0.5	1.4	35	6	0	0	0		41	2	14	168	0	1	39	264
211 CONTR DIS ANIMALS	89	65.2	42.1	74.8	40.6	370	431	0	75	0		876	203	545	3452	154	147	526	5905
212 CNTR INTER PARASITE	19	7.5	2.1	5.1	4.2	110	143	0	0	0		253	1	4	267	12	44	0	581
213 PROT ANMLS FROM TOX	20	4.1	2.1	2.9	3.3	58	2	0	0	0		59	34	9	258	21	3	2	386
214 PROTECT FROM POLLUT	71	19.1	33.4	28.5	15.9	91	54	0	95	0		240	39	552	1408	30	96	50	2413
SUBTOTAL	986	333.0	332.8	258.0	269.8	2574	1377	254	385	0		4589	888	2405	20847	590	1858	989	32167
SERIES 300																		
301 GENET BREED FORST T	28	8.8	9.6	5.1	5.8	0	2	87	0	0		89	110	106	410	8	35	45	804
302 IMP FOREST ENG SYS	16	5.2	5.3	1.0	2.1	3	0	48	0	0		51	12	24	224	23	71	5	410
303 ECON TIMBER PRODUCT	20	5.1	6.9	1.7	3.3	0	0	64	0	0		64	79	120	166	3	25	29	486
304 IMP BIO EFF FRT & V	279	100.2	65.6	75.3	132.0	648	252	1	53	0		954	97	262	7793	201	658	163	10128
305 MECH PROD FRT & VEG	41	11.9	6.7	9.4	14.6	85	26	0	29	0		140	3	9	900	7	62	6	1127
306 PROD MGMT SYS F & V	27	4.4	2.5	2.8	4.8	14	13	0	0	0		27	41	3	332	2	42	1	448
307 IMP BIO EFF FLD CRP	306	106.6	98.2	95.6	112.2	719	273	0	283	1		1276	209	997	7488	435	784	431	11619
308 MECH PROD FIELD CRO	16	3.6	3.6	2.3	3.8	22	0	0	10	0		31	0	0	370	0	32	18	452
309 PROD MGMT SYS FLD C	30	7.7	6.7	6.5	3.4	90	11	0	28	0		129	5	9	383	12	97	64	700
310 ANIMAL REPRODUCTION	85	36.2	29.3	34.5	36.1	354	427	0	77	0		857	29	382	2154	275	85	407	4189
311 IMP BIO EFF ANML PR	190	77.5	59.1	68.0	129.2	891	231	0	0	0		1122	33	512	6928	2577	355	413	11939
312 ENV STRESS IN ANML	31	11.0	7.9	6.6	10.4	25	113	0	0	0		138	11	91	1031	67	32	2	1373
313 PROD MGMT SYS ANML	36	11.1	11.8	10.5	12.3	148	52	0	0	0		201	29	137	976	22	62	19	1446
314 BEES OTH POLLNTNG I	23	10.0	8.8	2.2	4.2	53	91	0	0	0		144	7	34	429	14	66	13	707
315 IMP STRUC FARM SUPP	10	3.8	2.7	2.2	2.4	5	0	0	0	0		5	88	5	151	14	13	31	308
316 FARM BUSINESS MGMT	21	11.3	9.7	2.9	5.8	78	23	0	0	0		101	22	413	298	6	8	10	858
317 MECH/STRUCTS ANML P	5	0.9	0.0	1.0	2.9	23	0	0	0	0		23	0	0	73	5	0	15	116
318 NON-COM BIO TECH/BI	316	138.0	194.4	60.8	81.3	783	92	0	0	0		875	125	3693	7849	234	517	108	13401
SUBTOTAL	1480	553.5	528.7	388.2	566.5	3943	1606	199	480	1		6229	901	6795	37955	3905	2944	1781	60511
SERIES 400																		
401 NEW IMP FOREST PROD	73	31.7	30.2	13.9	18.4	16	0	273	0	0		290	159	122	1394	83	266	10	2324
402 PROD F & V IMP ACCE	73	13.0	13.3	11.2	21.7	111	20	0	0	0		131	16	15	1360	21	108	26	1677
403 NEW & IMP F&V PROD	58	21.3	23.2	9.6	16.4	188	11	0	36	0		236	91	224	1307	41	132	96	2127
404 MKT QUAL FRTS & VEG	60	18.1	25.4	18.4	18.6	238	0	0	0	0		238	10	102	1388	27	183	52	2000
405 PROD FLD CROP IMP A	46	12.9	13.2	11.5	11.2	178	75	0	9	0		262	14	4	1027	39	140	47	1532
406 NEW IMP FOOD FLD CR	20	3.3	7.3	3.0	2.8	62	19	0	0	0		81	0	65	239	10	26	4	425
407 NEW IMP NON-FOOD FC	6	0.9	2.0	1.0	0.8	10	0	0	0	0		10	0	6	120	0	22	0	158
408 MKT QUAL FIELD CROP	12	2.0	2.9	0.7	1.8	21	0	0	0	0		21	13	4	151	3	40	0	232
409 PROD ANML PR IMP AC	33	9.9	5.3	12.7	9.8	142	238	0	0	0		380	1	60	535	434	11	16	1437
410 IMP MEAT MILK EGG P	33	10.3	10.1	3.8	8.4	154	32	0	0	0		186	0	81	591	8	50	19	934
411 IMP NON-FOOD ANML P	7	1.5	0.6	0.9	1.7	29	0	0	0	0		29	0	10	84	3	0	15	141
412 MKT QUAL ANIMAL PRO	22	4.7	4.9	3.5	4.8	66	58	3	11	0		137	3	41	216	11	47	8	463
SUBTOTAL	443	129.5	138.3	90.1	116.3	1216	452	276	56	0		2001	307	734	8410	681	1026	293	13451
SERIES 500																		
501 IMP GRADES & STANDS	9	3.7	2.3	0.8	1.0	52	16	0	0	0		69	0	0	99	2	15	6	191
502 MKTG TIMBER PRODUCT	5	1.2	1.2	0.1	0.3	2	0	2	0	0		4	18	42	45	0	14	9	132
503 MKTG EFF AGRI PRODS	37	9.3	5.4	1.8	5.9	135	88	0	2	0		225	12	0	238	13	6	4	498
506 SPLY DEMAND AND PRI	33	8.9	8.2	1.6	5.8	130	119	0	0	0		249	14	10	287	18	31	10	620
507 COMP REL IN AGRIC	9	2.7	1.3	0.2	0.7	51	0	0	0	0		51	6	0	44	2	2	0	106
508 DOMESTIC MKT DEVELP	13	1.6	1.5	0.7	1.1	27	13	0	2	0		43	0	0	79	0	1	11	134
509 PERFORMANCE MKTG SY	26	7.8	7.8	0.8	7.8	138	23	2	12	0		174	9	0	211	9	9	44	455
510 GROUP ACT MKT POWER	8	1.5	0.2	0.0	0.1	7	0	0	0	0		7	0	0	46	0	6	0	59
511 IMP AGRIC STATISTIC	5	2.7	1.9	0.3	3.0	7	0	0	0	0		7	65	0	105	0	4	0	181
512 IMP GRADES FRST PRO	11	4.0	4.7	0.8	2.2	2	0	19	0	0		21	49	21	143	2	20	5	261
513 PRICE ANAL FRST PRO	10	2.9	3.0	0.7	1.4	22	0	52	0	0		74	27	47	105	0	17	9	279
SUBTOTAL	166	46.1	37.6	7.8	29.1	575	259	74	16	0		924	201	119	1403	46	124	99	2916
SERIES 600																		
601 FGN MKT DEVELP	12	3.0	7.3	1.2	2.7	52	2	0	21	0		75	25	0	202	0	8	5	315
603 TECH AID DEV CRTY	13	3.4	1.9	0.6	0.9	2	0	12	0	0		14	37	11	118	1	34	0	214
604 PRD DVLPMT/MKTG FRG	3	0.2	0.0	0.1	0.1	2	0	0	0	0		2	3	0	4	1	0	2	12
SUBTOTAL	28	6.6	9.2	1.9	3.7	56	2	12	21	0		91	65	11	325	1	43	7	542
SERIES 700																		
701 TOX RES IN FOOD	55	19.2	25.7	11.5	13.0	92	93	0	227	0		411	89	223	1094	23	77	3	1920
702 FOOD PROT FROM TOX	46	16.8	16.1	8.1	9.5	102	139	0	0	0		241	5	873	638	7	70	61	1896
703 FOOD CONSUMP HABITS	32	7.3	7.0	1.0	4.9	76	43	0	0	0		119	10	94	373	5	26	4	630
704 HOME COMM FOOD SERV	8	2.2	0.9	1.0	0.5	31	1	0	35	0		67	40	0	71	3	0	0	181
705 SEL CARE CLOTH & TE	14	2.8	2.7	0.0	1.4	15	17	0	0	0		32	0	2	165	0	0	3	202
706 CONTR INSECTS APF M	35	12.8	25.9	4.4	10.1	28	45	8	0	0		82	11	72	959	4	72	22	1221
707 TRANS ANIML MAN DI	2	0.6	0.5	0.6	0.2	0	0	0	0	0		0	0	8	11	0	0	0	20
708 HUMAN NUTRITION	69	31.7	59.8	28.0	24.6	180	91	0	43	0		314	240	1228	1279	29	104	17	3211
709 REDUCE HAZ HLTH & S	10	2.6	2.2	0.4	3.1	15	13	0	0	0		28	1	16	91	0	44	0	180
SUBTOTAL	271	95.9	140.9	55.0	67.2	539	443	8	304	0		1294	395	2515	4682	73	393	110	9462

SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS SYS	PROF	TECH	OTHER	HATH	BRF	NCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 800																		
801 RURAL HOUSING	5	0.8	0.2	0.6	1.1	10	0	0	0	0	10	0	0	41	1	5	0	58
802 INDIV & FAM DEC MAK	43	5.9	5.5	1.7	3.7	93	93	0	14	0	200	6	63	235	7	6	0	516
803 RURAL POVERTY	7	0.8	0.7	0.2	0.3	16	7	0	14	0	37	0	0	27	0	1	0	65
804 ECON POTENT RURL PE	21	3.8	2.3	0.1	1.9	14	34	0	0	11	59	16	70	177	1	1	25	349
805 COMMUNICAT RURAL PE	27	3.5	2.4	1.6	2.1	45	15	0	0	2	62	2	2	169	42	0	186	463
806 ADJUSTMENT TO CHANG	35	8.6	6.3	1.3	5.1	96	91	0	14	3	203	34	0	342	17	4	0	601
807 AGRIC ECONOMIC CHAN	30	10.1	4.4	2.8	7.5	60	79	0	0	0	139	17	70	357	20	0	282	885
808 GOV'T PROGRAMS	9	1.2	0.9	0.1	0.6	7	5	0	0	0	12	3	0	39	0	2	7	63
SUBTOTAL	177	34.7	22.7	8.3	22.2	341	323	0	42	16	722	79	204	1387	88	19	501	3001
SERIES 900																		
901 ALLEV POLLUTION	146	59.1	95.0	38.5	29.1	351	328	22	60	0	761	311	1491	2982	103	430	339	6417
902 OUTDOOR RECREATION	53	15.6	17.1	5.4	6.4	43	93	131	0	0	267	122	259	668	5	10	48	1378
903 MULTI-USE-FOREST PO	17	3.8	1.7	0.2	1.9	6	1	29	0	0	36	17	4	107	3	15	29	211
904 WILDLFE AND FISH ECO	140	43.1	73.6	39.0	44.4	151	1	129	0	0	281	315	1635	2573	156	387	233	5580
905 TREES BEAUTIFICATIO	33	12.1	10.9	3.0	6.6	61	30	20	0	0	110	41	204	694	2	35	47	1134
906 ORNAMENT & TURF DEV	126	40.1	48.4	16.1	38.1	189	5	2	7	0	202	94	38	2692	67	211	68	3373
907 RURAL INCOME IMP	36	7.2	10.5	1.0	4.7	41	14	0	14	61	130	0	38	314	13	52	8	556
908 RURAL INSTITUT IMP	46	18.0	11.0	5.9	8.8	204	34	0	14	13	266	10	409	412	10	8	20	1134
990 UNCLASSIFIED	17	23.9	42.2	84.6	56.8	35	7	11	0	33	87	128	418	429	222	52	31	1366
SUBTOTAL	614	222.8	310.2	193.7	196.9	1082	513	343	95	108	2140	1038	4496	10871	581	1201	822	21149
SCIENCE IN SERV OF MAN	4979		1800.1		1435.9		5594		1510		20999		21948		6689		5735	
GRAND TOTAL		1666.4		1146.3		11621		2145		129		5734		97584		8794		167483

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TABLE IV-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	1127	361.0	374.3	313.9	242.7	3945	1279	265	299	21	5810	839	3801	17485	1152	2727	2407	34222
0200 WATER	702	189.7	209.7	167.9	147.9	1680	672	116	14	4	2486	602	2924	8352	550	938	1437	17289
0300 WATERSHEDS RIVER BAS	112	30.9	30.9	24.0	23.2	215	120	126	19	1	481	236	505	1368	25	75	160	2849
0400 AIR AND CLIMATE	143	41.5	40.6	20.4	25.5	344	257	43	0	0	644	120	544	1878	76	232	94	3589
0500 RECREATION RESOURCES	161	43.2	44.5	20.5	21.9	284	358	312	0	4	958	117	303	1579	16	120	187	3280
0600 TIMBER FORST PRODUCT	914	339.2	311.4	251.0	212.0	1068	622	5801	47	4	7542	1560	2273	14808	417	1486	1194	29281
0700 RANGE	261	69.3	57.6	45.2	45.8	705	56	102	61	0	924	231	603	3703	359	413	125	6358
0800 WILDLIFE AND FISH	546	163.1	203.6	150.9	147.3	1187	257	401	1	0	1846	224	3408	7723	414	1796	1658	17068
0900 CITRUS SUB TROP FRUT	283	131.2	85.2	111.8	191.0	927	117	0	37	0	1080	155	390	9473	186	310	175	11770
1000 FRUIT NUTS DECIDUOUS	1012	344.1	215.6	365.1	368.6	3873	1131	19	199	0	5222	368	467	22500	921	1487	617	31581
1100 POTATOES	288	89.1	61.3	93.3	80.1	1016	441	0	134	0	1591	40	149	4803	220	926	273	8002
1200 VEGETABLES	1292	422.0	284.3	378.1	460.8	5186	1068	1	447	0	6702	610	1061	24656	890	2063	412	36394
1300 ORNAMENTALS TURF	605	209.8	131.9	211.6	194.4	2321	310	3	24	0	2657	178	332	12634	363	885	350	17399
1400 CORN	814	184.5	175.0	178.3	174.0	3265	703	1	81	2	4052	646	930	10324	740	1329	328	18348
1500 GRAIN SORGHUM	300	54.4	41.7	60.1	48.6	646	153	0	4	0	803	84	97	3099	407	182	18	4690
1600 RICE	109	38.2	21.2	28.6	29.5	291	15	0	1	0	307	75	17	2680	82	274	32	3467
1700 WHEAT	601	140.3	130.1	156.8	104.7	1756	407	0	252	1	2416	181	306	7388	842	958	570	12661
1800 OTHER SMALL GRAINS	381	76.6	58.9	84.7	65.6	1166	129	0	16	0	1311	171	127	4172	409	652	176	7019
1900 PASTURE	173	36.2	10.6	41.3	52.8	432	42	0	23	1	498	228	38	2805	252	93	17	3931
2000 FORAGE CROPS	881	249.9	166.0	256.3	253.3	3723	1122	0	421	1	5267	264	1510	14388	1032	689	386	23535
2100 COTTON	363	118.0	68.5	107.1	110.8	1385	645	0	63	11	2104	589	424	6767	436	1218	334	11873
2200 COTTONSEED	17	3.4	1.7	3.7	1.9	40	11	0	18	0	70	5	11	135	1	35	10	265
2300 SOYBEANS	781	203.2	190.5	183.8	189.0	3140	951	0	570	1	4662	478	873	11227	813	1689	572	20312
2400 PEANUTS	143	40.8	20.8	65.0	45.1	400	28	0	69	0	496	101	55	2972	132	359	168	4284
2500 OTHER OILSEED CROPS	88	20.3	19.9	14.0	16.2	206	34	0	21	1	262	59	57	1404	106	114	55	2057
2600 TOBACCO	166	59.5	40.7	75.7	88.8	872	19	0	15	0	906	40	32	4496	289	225	239	6228
2700 SUGAR CROPS	173	59.6	24.2	40.6	117.7	962	43	0	7	0	1013	23	176	3171	314	356	18	5070
2800 MISC NEW CROPS	112	29.0	18.6	23.9	48.4	248	152	0	4	0	403	48	144	1865	129	223	172	2984
2900 POULTRY	687	248.8	168.4	342.1	264.1	4272	1529	0	33	20	5854	341	1248	15495	1291	702	608	25539
3000 BEEF CATTLE	1159	391.0	289.7	578.8	566.3	6723	3186	1	583	0	10493	863	1915	29557	11553	1678	796	56856
3100 DAIRY CATTLE	982	310.3	253.5	364.0	460.0	6022	1895	0	104	0	8020	442	1751	22300	4200	1710	867	39291
3200 SWINE	500	159.3	130.0	210.8	256.3	2996	689	0	242	0	3927	235	1311	11163	3263	1048	158	21104
3300 SHEEP AND WOOL	321	74.5	53.0	92.2	86.1	1230	519	1	3	0	1754	60	216	5437	753	295	391	8905
3400 OTHER ANIMALS	372	90.2	91.4	117.1	69.3	1382	118	0	27	0	1527	92	1511	4812	429	405	92	8868
3500 BEES AND HONEY	45	17.9	14.0	6.6	7.5	148	91	0	0	0	239	16	39	814	23	74	20	1225
3600 FARM SUPP & FACILITS	93	25.3	18.6	15.3	15.3	346	26	0	19	0	391	22	173	1105	277	96	51	2116
3700 CLOTHING & TEXTILES	65	14.7	11.7	3.7	7.9	231	111	0	0	0	342	16	2	637	9	9	7	1020
3800 FOOD	464	133.2	141.9	108.1	91.0	2128	1059	0	145	0	3333	142	2007	6214	175	558	383	12813
3900 HOUSING & EQUIP	214	53.3	44.7	41.1	39.5	572	179	34	41	6	831	443	391	2431	63	351	98	4608
4000 PEOPLE AS INDIVIDUAL	628	170.5	178.4	101.6	112.5	1993	848	1	252	174	3268	330	2264	6880	315	398	437	13892
4100 FAMILY MEMBERS	193	58.1	58.5	15.3	32.5	517	438	0	14	40	1009	23	201	1942	46	227	155	3603
4200 FARM AS BUSINESS	198	66.0	42.3	18.0	56.9	1013	118	0	0	0	1131	167	453	2211	79	53	341	4435
4300 SOC POLIT ORGANIZ	399	125.9	118.6	40.2	72.9	1860	575	19	185	526	3165	252	612	3910	173	229	464	8805
4400 AGRIC ECONOMY U S	104	31.3	35.9	14.8	30.1	485	108	0	53	0	646	160	179	1320	43	24	39	2410
4500 AGRIC ECONOMY FORGN	29	11.5	12.9	10.4	15.3	79	0	0	0	0	79	120	48	358	19	6	34	664
4600 FARM COOPERATIVES	44	7.1	6.8	8.0	5.3	154	34	0	0	0	188	27	12	231	8	20	0	485
4700 OTH MARKET PROCESS	42	7.4	4.0	4.7	4.7	133	29	0	0	0	162	31	31	257	9	41	9	541
4800 MARKETING SYSTEMS	108	31.5	20.3	14.1	21.1	453	235	2	87	0	776	244	52	817	35	78	32	2033
6100 WEEDS	51	12.5	11.9	11.6	8.0	186	18	0	0	0	204	21	64	689	37	71	33	1119
6200 SEED RESEARCH	30	10.4	8.3	14.0	7.8	107	17	0	0	0	124	5	85	395	255	31	4	900
6300 BIO CELL SYSTEMS	217	81.5	117.6	65.2	35.2	755	43	0	0	0	798	19	3070	3421	105	186	241	7840
6400 EXP DESIGN/STAT METH	65	25.4	14.5	13.9	20.5	182	4	0	0	0	186	520	117	1351	77	49	17	2317
6500 INVERTEBRATES	248	106.6	128.2	65.6	55.9	742	78	0	25	0	844	214	2133	5283	166	373	165	9179
6600 MICROORGANISMS,VIRUS	234	85.9	98.4	95.8	58.7	758	77	0	4	0	840	43	2958	3873	101	399	163	8376
6700 PLANTS	659	212.0	216.8	183.1	159.2	2153	692	1	1077	3	3927	358	2335	11539	909	1057	858	20984
6800 ANIMALS(VERTEBRATES)	336	116.8	117.3	135.8	99.5	988	287	1	90	0	1366	300	2684	5939	399	348	690	11727
6900 RESEARCH ON RSCH MGM	23	8.9	3.7	6.0	2.7	53	43	0	0	0	96	110	100	477	4	17	11	815
7000 RSCH EQUIP & TECHNOL	105	25.9	36.1	15.1	20.4	157	80	65	0	0	302	177	768	1307	46	109	57	2767
9900 UNCLASSIFIED	53	112.4	258.4	311.6	256.2	546	135	23	0	67	772	710	2744	7828	3104	1092	1596	17845
TOTAL	21216	6574.0	5745.1	6498.1	6446.2	80650	24401	7338	5831	887	119107	14772	53028	367847	39540	33587	21005	648887

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TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	RRF	MCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RES	201	72.6	61.4	54.2	44.1	772	172	33	0	2		979	136	582	3144	200	561	1089	6691
102 SOIL PLNT WTR NUTRI	529	158.0	138.9	160.8	113.1	1804	423	169	16	3		2415	158	1186	8629	811	832	712	14744
103 MGMT OF SALINE SOIL	58	17.1	18.5	13.5	12.4	96	84	0	0	0		180	87	283	969	61	63	55	1699
104 ALTERN USE OF LAND	174	52.9	61.6	19.5	34.5	636	200	35	0	10		881	248	871	1723	50	471	233	4477
105 CONSERV USE OF WATE	245	54.8	44.5	37.2	41.3	459	177	28	0	4		668	239	692	2563	240	179	169	4750
106 DRAIN AND IRRIGATIO	121	31.7	27.8	21.1	21.3	283	47	9	4	0		342	122	463	1730	183	92	66	2999
107 WATERSHED PROT & MG	138	39.1	61.0	55.3	35.8	294	113	263	114	8		792	380	822	1928	44	219	750	4934
108 ECON LEG PROB OF WA	40	15.5	19.1	7.3	16.3	197	12	0	0	0		208	48	111	589	1	13	34	1004
109 WEATHER ADAPT & MOD	123	35.5	31.0	20.0	26.0	329	285	42	0	0		655	63	479	1599	78	177	106	3158
110 APPRAIS FORST & RAN	98	21.2	17.1	7.0	12.1	75	3	317	0	0		394	106	204	773	20	40	41	1577
111 BIOL CULT MGMT FORS	258	83.8	75.5	58.5	59.6	190	311	857	0	0		2078	273	316	3839	185	318	182	7191
112 IMPROV RANGE RESOR	170	44.7	38.9	31.9	35.9	409	37	57	40	0		544	104	391	2626	307	338	90	4400
113 REMOTE SENSING	42	10.9	18.6	7.8	11.6	55	14	72	0	0		141	169	498	368	26	22	30	1253
114 RSCH ON MGMT OF RSC	23	8.9	3.7	6.0	2.7	53	43	0	0	0		96	110	100	477	4	17	11	815
SUBTOTAL	2220	646.5	617.7	500.0	466.7	5652	1642	2882	174	26		10375	2245	6997	30957	2210	3342	3567	59693
SERIES 200																		
201 CNTRL FORST INSECTS	159	47.0	48.3	36.6	20.7	167	142	601	0	0		909	441	969	1804	36	118	171	4449
202 CONTROL FOREST DIS	111	33.7	31.2	23.5	16.1	132	103	537	35	2		809	119	92	1549	31	47	68	2715
203 FOREST FIRE PROTECT	9	0.6	1.6	0.8	0.4	1	0	8	0	0		9	10	5	56	0	1	3	85
204 CNTR PESTS FRT & VE	374	128.0	105.5	115.3	115.2	1363	321	0	116	0		1800	324	406	7703	237	733	255	11457
205 CNTR DISE FRT & VEG	665	218.5	148.6	205.6	217.7	2212	435	19	170	0		2837	290	259	13093	413	1134	236	18261
206 CNTR WEEDS FRT & VE	162	43.8	32.0	45.4	41.9	601	108	0	47	0		757	18	66	2441	122	320	98	3822
207 CNTR PESTS FLD CROP	482	167.7	138.8	134.7	130.9	2562	732	0	157	11		3462	818	665	8428	358	1147	271	15149
208 CNTR DIS FIELD CROP	667	205.6	147.4	212.4	165.3	3107	714	0	129	0		3950	294	358	10988	456	1261	389	17696
209 CNTR WEEDS FLD CROP	290	84.9	82.3	82.4	85.6	1207	269	0	63	5		1543	138	45	5277	574	1183	281	9041
210 CONTR PESTS ANIMALS	104	29.5	16.4	22.0	13.2	464	22	0	48	20		553	219	30	1353	85	125	60	2425
211 CONTR DIS ANIMALS	446	222.7	141.9	291.4	161.2	2384	1508	0	188	0		4080	1004	1229	13019	971	704	724	21732
212 CNTR INTER PARASITE	90	32.5	15.1	37.4	31.3	463	171	0	0	0		634	5	54	1892	107	396	7	3094
213 PROT ANMLS FROM TOX	87	16.8	15.0	27.9	20.3	232	124	0	0	0		356	43	218	1402	141	67	84	2311
214 PROTECT FROM POLLUT	236	52.3	71.3	63.1	43.7	560	230	75	117	3		985	250	974	2922	76	386	152	5745
SUBTOTAL	3882	1283.6	995.4	1298.3	1063.4	15453	4878	1239	1071	42		22683	3972	5372	71926	3608	7621	2799	117981
SERIES 300																		
301 GENET BREED FORST T	89	27.1	27.1	38.8	25.2	73	160	780	0	0		1013	72	37	1811	18	281	18	3250
302 IMP FOREST ENG SYS	20	8.4	5.6	6.5	4.4	35	1	102	0	0		138	4	31	302	5	95	54	629
303 ECON TIMBER PRODUCT	30	12.4	10.4	6.5	9.9	0	0	221	0	0		221	109	151	437	10	47	156	1131
304 IMP BIO EFF FRT & V	978	343.7	184.1	354.2	471.3	3492	683	1	135	0		4311	211	756	23913	927	1291	519	31928
305 MECH PROD FRT & VEG	155	42.6	18.8	41.6	40.1	490	119	0	29	0		638	33	9	2674	60	316	25	3755
306 PROD MGMT SYS F & V	86	21.3	7.3	15.4	29.7	243	24	0	0	0		267	61	5	1266	94	54	11	1757
307 IMP BIO EFF FLD CRP	1564	613.2	426.2	710.0	746.3	7817	1628	1	858	1		10305	1224	2516	40344	4138	3469	2087	64082
308 MECH PROD FIELD CRO	113	30.2	28.1	31.4	27.7	392	132	0	10	0		534	125	127	1878	127	356	98	3244
309 PROD MGMT SYS FLD C	233	56.0	32.0	51.5	55.5	927	139	0	88	0		1154	90	101	3390	320	268	140	5463
310 ANIMAL REPRODUCTION	425	175.1	164.8	244.8	272.7	2877	1154	0	231	0		4263	149	2837	11588	2926	557	597	22916
311 IMP BIO EFF ANML PR	1200	457.7	340.6	774.4	795.0	8893	2373	2	208	0		11476	362	2066	40619	13659	2764	984	71931
312 ENV STRESS IN ANML	170	54.9	35.8	56.0	58.5	710	333	0	0	0		1043	99	211	3623	518	237	23	5754
313 PROD MGMT SYS ANML	273	66.6	48.8	62.1	134.0	1207	301	0	68	0		1576	76	186	5663	1472	209	428	9609
314 BEES OTH POLLNTNG I	45	17.9	14.0	6.6	7.5	148	91	0	0	0		239	16	39	814	23	74	20	1225
315 IMP STRUC FARM SUPP	111	36.4	26.8	31.3	23.4	477	4	0	0	0		481	400	160	1681	315	198	93	3328
316 FARM BUSINESS MGMT	155	53.5	36.8	14.7	46.0	839	92	0	0	0		931	137	440	1784	67	52	56	3468
317 MECH/STRUCTS ANML P	70	16.0	8.3	13.4	17.0	226	21	0	20	0		266	71	34	806	52	57	56	1342
318 NON-COM BIO TECH/BI	1018	422.0	492.7	354.2	250.9	3630	272	2	19	0		3923	2701	1458	20448	932	1380	814	39226
SUBTOTAL	6735	2454.8	1908.0	2813.1	3015.2	32477	7525	1108	1667	1		42779	3510	2116	21630	4125	6621	1706	274039
SERIES 400																		
401 NEW IMP FOREST PROD	116	66.1	45.1	40.0	34.3	186	13	901	0	0		1101	260	147	2541	79	382	82	4592
402 PROD F & V IMP ACCE	246	49.2	35.9	53.0	58.5	610	86	0	0	0		696	27	18	3593	77	260	83	4754
403 NEW & IMP F&V PROD	194	64.8	57.6	51.3	67.7	1040	91	0	36	0		1168	93	358	3925	140	326	142	6151
404 MKT QUAL FRTS & VEG	192	55.2	58.9	61.6	55.9	961	512	0	51	0		1524	47	130	3118	108	354	109	5391
405 PROD FLD CROP IMP A	233	67.2	45.9	64.6	62.2	964	261	0	54	0		1279	52	174	3621	335	354	123	5939
406 NEW IMP FOOD FLD CR	132	36.9	45.4	34.0	23.0	673	109	0	77	0		860	1	355	1731	187	184	48	3366
407 NEW IMP NON-FOOD FC	40	14.8	15.7	10.2	17.7	220	39	0	0	0		260	0	91	662	87	65	3	1167
408 MKT QUAL FIELD CROP	82	21.4	16.0	15.2	14.1	327	17	0	1	0		345	136	26	1023	20	134	28	1712
409 PROD ANML PR IMP AC	151	40.9	33.1	55.9	49.2	1159	435	0	54	0		1648	57	407	2437	921	119	40	5629
410 IMP MEAT MILK EGG P	270	85.6	103.1	84.2	84.5	1914	195	0	0	0		2109	21	517	4521	525	402	228	8323
411 IMP NON-FOOD ANML P	19	4.3	2.2	1.3	8.0	51	0	0	0	0		51	0	15	234	7	2	19	329
412 MKT QUAL ANIMAL PRO	122	29.8	27.7	29.1	27.0	688	150	0	11	0		849	21	65	1505	76	280	51	2848
SUBTOTAL	1797	536.2	486.5	500.3	502.0	8794	1909	901	285	0		11889	716	2303	28910	2562	2864	955	50200
SERIES 500																		
501 IMP GRADES & STANDS	61	19.1	12.2	15.1	20.6	377	78	0	0	0		456	12	19	848	73	81	60	1549
502 MKTG TIMBER PRODUCT	19	5.1	2.5	3.6	3.1	30	33	19	0	1		84	29	10	75	0	22	328	549
503 MKTG EFF AGRI PRODS	224	54.3	41.9	25.3	37.9	1003	599	0	198	0		1799	211	137	1491	48	149	80	3915
506 SPLY DEMAND AND PRI	165	40.7	34.4	21.3	46.3	725	677	0	0	0		1402	128	63	1516	60	57	45	3270
507 COMP REL IN AGRIC	59	11.8	8.8	3.2	7.9	197	89	0	26	0		313	53	35	344	9	3	18	774
508 DOMESTIC MKT DEVELP	52	9.2	4.5	2.6	8.9	104	108	0	2	0		215	0	10	315	11	10	43	604
509 PERFORMANCE MKTG SY	165	52.7	32.0	23.9	36.0	842	490	2	101	0		1434	225	59	1314	80	77	46	3235
510 GROUP ACT MKT POWER	35	6.2	4.7	1.4	3.7	97	8	0	13	0		118	18	10	203	3	16	12	379
511 IMP AGRIC STATISTIC	31	8.4	5.6	2.2	5.8	71	4	0	0	0		75	458	67	356	3	5	4	968
512 IMP GRADES FRST PRO	10	2.6	3.4	1.1	1.3	6	2	19	0	0		27	72	0	87	2	2	0	190
513 PRICE ANAL FRST PRO	16	3.6	5.6	1.9	2.5	30	0	60	0	1		91	23	11	117	0	15	7	264
SUBTOTAL	837	213.7	155.5	101.7	173.9	3483	2088	99	341	2		6013	1229	419	6668	290	436	643	15697
SERIES 600																		
601 FGN MKT DEVELP	55	13.1	19.5	7.6	15.4	276	107	0	21	0		404	58	9	532	1	16	22	1042
602 EVAL FGN FOOD AID P	3	0.3	0.2	0.0	0.1	4	0	0	0	0		4	0	0	12	0	0	0	17
603 TECH AID DEV CRTY	48	19.6	30.6	10.6	20.3	5	0	0	0	0		5	192	98	434	44	67	76	917
604 PRD DVLPMT/MKTG FRG	8	0.6	0.9	0.7	0.4	12	0	0	0	0		12	3	6	28	1	0	2	52
SUBTOTAL	114	33.5	51.3	18.9	36.1	297	107	0	21	0		425	254	113	1007	45	84	100	2027

NATIONAL TOTAL SAES

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	REF	MCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	169	59.7	54.6	46.1	38.5	419	618	0	1276	0	2313	111	544	2243	53	260	55	5579
702 FOOD PROT FROM TOX	192	58.7	55.9	44.5	35.7	837	391	0	19	0	1247	12	1490	2986	62	286	116	6199
703 FOOD CONSUMP HABITS	140	27.5	27.0	15.5	18.1	410	227	0	31	0	668	28	262	1046	44	67	44	2159
704 HOME COMM FOOD SERV	47	11.5	13.1	7.7	6.2	150	90	0	35	0	274	42	17	504	37	7	1	883
705 SEL CARE CLOTH & TE	60	13.9	10.6	3.4	7.5	219	102	0	0	0	321	16	2	596	9	2	7	953
706 CONTR INSECTS AFF H	113	42.1	44.7	25.3	22.8	375	94	8	25	0	502	150	292	2075	28	201	126	3375
707 TRANS ANIML HAN DI	29	6.8	9.4	9.0	1.6	34	13	0	0	0	47	13	352	238	19	12	15	696
708 HUMAN NUTRITION	309	94.4	125.3	98.6	64.2	1249	546	0	221	0	2016	272	2640	3861	145	286	345	9564
709 REDUCE HAZ HLTH & S	49	12.0	8.5	10.2	7.7	139	57	9	0	0	204	12	16	512	9	102	27	883
SUBTOTAL	1108	326.5	349.0	260.5	202.4	3832	2138	17	1606	0	7593	656	5615	14060	408	1222	737	30291
SERIES 800																		
801 RURAL HOUSING	50	14.2	7.0	6.1	8.2	117	133	0	0	6	256	0	165	391	1	37	9	860
802 INDIV & FAM DEC MAK	165	46.4	52.1	13.1	27.6	460	307	0	14	8	789	7	143	1604	58	212	117	2930
803 RURAL POVERTY	26	6.3	5.8	1.5	6.6	100	24	0	14	21	159	1	2	182	6	3	6	358
804 ECON POTENT RURL PE	86	23.3	20.5	7.4	17.6	324	124	0	0	159	607	41	175	721	23	20	103	1691
805 COMMUNICAT RURAL PE	114	29.3	19.2	5.9	17.5	294	27	1	0	22	344	3	88	1610	129	19	352	2545
806 ADJUSTMENT TO CHANG	147	40.0	35.4	13.5	25.7	526	413	0	14	24	977	44	52	1441	39	36	29	2618
807 AGRIC ECONOMIC CHAN	124	34.6	27.7	12.0	33.3	522	128	0	53	0	702	112	141	1342	33	7	295	2633
808 GOV'T PROGRAMS	35	6.8	4.8	2.6	5.6	97	13	0	0	0	109	31	36	289	3	6	7	482
SUBTOTAL	747	200.9	172.7	62.1	142.1	2439	1168	1	95	240	3943	240	801	7578	293	341	920	14116
SERIES 900																		
901 ALLEV POLLUTION	638	226.5	258.1	205.4	153.3	2186	1280	110	349	0	3925	440	3645	10076	382	1922	1058	21448
902 OUTDOOR RECREATION	140	39.3	37.9	19.2	19.8	269	351	230	0	4	853	109	301	1428	14	110	154	2971
903 MULTI-USE-FOREST PO	61	14.2	17.9	7.4	11.5	17	7	312	0	0	337	43	22	502	11	45	97	1057
904 WLDLFE AND FISH ECO	461	138.3	181.0	135.0	130.6	936	227	328	1	0	1493	205	2482	6631	394	1654	1566	14424
905 TREES BEAUTIFICATIO	96	25.3	22.3	18.7	15.7	192	110	65	0	0	367	14	298	1384	33	102	75	2274
906 ORNAMENT & TURF DEV	588	203.2	129.0	204.1	189.2	2263	309	3	24	0	2597	178	131	12200	362	848	297	16613
907 RURAL INCOME IMP	152	37.3	36.4	14.5	23.8	631	129	0	87	261	1107	135	62	1234	34	71	66	2709
908 RURAL INSTITUT IMP	260	81.8	68.0	27.3	44.2	1181	399	19	111	244	1955	115	562	2420	128	126	196	5503
990 UNCLASSIFIED	53	112.4	258.4	311.6	256.2	546	135	23	0	67	772	710	2744	7828	3104	1092	1596	17845
SUBTOTAL	2449	878.2	1009.0	943.2	844.5	8223	2947	1089	571	576	13407	1950	10247	43703	4462	5970	5106	84844
SCIENCE IN SERV OF MAN	19889		5745.1		6446.2		24401		5831		119107		53028		39540		21005	
GRAND TOTAL		6574.0		6498.1		80650		7338		887		14772		367848		33587		648888

FORESTRY SCHOOL TOTAL

TABLE IV-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	RRF	NCIM STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	38	13.3	13.6	4.7	6.3	0	0	154	0	0	154	81	465	397	0	40	205	1342
0200 WATER	15	4.7	5.0	2.5	2.5	0	0	47	0	0	47	11	199	189	4	15	86	551
0300 WATERSHEDS RIVER BAS	18	4.8	5.4	2.8	0.7	0	0	31	0	0	31	111	0	102	0	3	59	306
0400 AIR AND CLIMATE	1	0.2	0.0	0.0	0.7	0	0	18	0	0	18	8	0	27	0	0	0	53
0500 RECREATION RESOURCES	32	8.9	7.9	7.8	2.5	0	0	165	0	0	165	41	369	293	0	0	81	948
0600 TIMBER FORST PRODUCT	379	120.2	123.7	64.6	50.3	0	0	1598	0	0	1598	906	1889	4445	447	757	619	10660
0700 RANGE	16	2.7	5.1	0.5	0.4	0	0	18	0	0	18	47	24	90	0	0	1	180
0800 WILDLIFE AND FISH	74	23.9	28.1	28.3	9.7	0	0	191	0	0	191	244	995	623	69	11	198	2332
1300 ORNAMENTALS TURF	4	0.3	0.1	0.1	0.0	0	0	4	0	0	4	0	0	10	0	0	4	18
2000 FORAGE CROPS	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	3	0	3	0	0	0	6
2300 SOYBEANS	1	0.0	0.0	0.0	0.0	0	0	0	10	0	10	0	0	0	0	0	0	10
2900 POULTRY	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	2	0	0	0	2
3000 BEEF CATTLE	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
3200 SWINE	1	0.3	0.0	0.0	0.0	0	0	0	29	0	29	0	0	8	0	0	0	37
3900 HOUSING & EQUIP	5	0.9	0.6	0.0	0.0	0	0	0	0	0	0	9	23	30	0	5	5	71
4000 PEOPLE AS INDIVIDUAL	2	0.4	0.1	0.5	0.1	0	0	13	0	0	13	1	0	11	0	0	0	25
4300 SOC POLIT ORGANIZ	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	2	0	0	0	2
4500 AGRIC ECONOMY FORGN	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
4800 MARKETING SYSTEMS	1	0.0	0.0	0.0	0.0	0	0	2	0	0	2	0	0	0	0	0	0	2
6300 BIO CELL SYSTEMS	1	0.2	0.1	0.0	0.0	0	0	0	0	0	0	0	0	6	0	0	1	7
6400 EXP DESIGN/STAT METH	4	0.5	0.8	0.0	0.1	0	0	4	0	0	4	0	14	16	0	0	0	35
6500 INVERTEBRATES	1	1.0	0.0	0.2	0.0	0	0	0	0	0	0	0	0	5	0	0	11	16
6600 MICROORGANISMS,VIRUS	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	4	0	0	0	4
6700 PLANTS	6	2.1	0.2	0.0	0.0	0	0	1	0	0	1	3	33	25	0	0	0	62
7000 RSCH EQUIP & TECHNOL	6	0.4	1.0	0.4	0.1	0	0	12	0	0	12	0	0	21	0	0	0	33
9900 UNCLASSIFIED	11	23.7	20.6	24.7	4.5	0	0	11	0	0	11	241	257	774	0	286	38	1608
TOTAL	622	208.8	212.3	137.1	77.9	0	0	2270	39	0	2309	1705	4266	7084	521	1117	1307	18309

FORESTRY SCHOOL TOTAL

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	MATH	PHY	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RES	9	3.8	4.4	2.2	2.2	0	0	21	0	0		21	1	270	178	0	25	85	580
102 SOIL PLNT WTR NUTRI	23	7.4	7.7	2.0	2.8	0	0	94	0	0		94	79	195	174	0	4	83	629
104 ALTERN USE OF LAND	9	1.8	1.4	0.1	1.6	0	0	74	0	0		74	0	0	40	0	10	7	131
105 CONSERV USE OF WATE	3	2.5	2.2	2.2	2.1	0	0	0	0	0		0	1	190	144	0	3	83	423
107 WATERSHED PROT & MG	19	9.2	9.4	5.2	4.6	0	0	37	0	0		37	80	390	370	0	7	139	1023
108 ECON LEG PROB OF WA	1	0.0	0.0	0.0	0.0	0	0	0	0	0		0	0	0	0	0	0	0	0
109 WEATHER ADAPT & MOD	1	0.2	0.0	0.0	0.7	0	0	18	0	0		18	8	0	27	0	0	0	53
110 APPRAIS FORST & RAN	31	4.4	4.4	1.5	0.7	0	0	103	0	0		103	10	14	177	0	0	6	311
111 BIOL CULT MGMT FORS	144	34.6	55.2	25.8	25.1	0	0	684	0	0		684	376	438	1615	335	146	279	3873
112 IMPROV RANGE RESOR	12	1.9	4.2	0.5	0.3	0	0	6	0	0		6	47	12	64	0	0	0	128
113 REMOTE SENSING	10	0.7	2.1	0.6	0.0	0	0	35	0	0		35	36	0	21	0	0	0	92
SUBTOTAL	262	66.6	91.0	40.1	40.1	0	0	1072	0	0		1072	638	1509	2810	335	195	682	7242
SERIES 200																		
201 CNTRL FORST INSECTS	45	12.3	11.0	4.8	1.6	0	0	116	0	0		116	130	284	208	9	19	26	792
202 CONTROL FOREST DIS	28	4.5	4.6	1.8	1.7	0	0	132	0	0		132	13	46	118	0	25	15	389
203 FOREST FIRE PROTECT	6	0.8	0.5	1.1	0.0	0	0	0	0	0		0	17	2	22	31	1	0	74
211 CONTR DIS ANIMALS	1	0.1	0.0	0.0	0.0	0	0	0	0	0		0	0	0	2	0	0	0	2
213 PROT ANMLS FROM TOX	1	0.0	0.0	0.0	0.0	0	0	0	0	0		0	0	0	0	0	0	0	0
214 PROTECT FROM POLLUT	5	0.5	0.4	0.9	0.0	0	0	5	0	0		5	5	0	14	0	39	0	62
SUBTOTAL	86	18.1	16.5	8.6	3.3	0	0	252	0	0		252	165	332	364	41	83	41	1278
SERIES 300																		
301 GENET BREED FORST T	35	7.1	9.2	3.9	3.0	0	0	125	0	0		125	77	93	303	8	16	36	658
302 INP FOREST ENG SYS	15	4.6	3.5	0.8	2.1	0	0	67	0	0		67	12	24	161	23	69	5	359
303 ECON TIMBER PRODUCT	19	4.0	4.0	1.6	0.7	0	0	30	0	0		30	71	43	132	0	12	12	300
307 INP BIO EFF FLD CRP	2	1.8	0.0	0.0	0.0	0	0	0	10	0		10	0	33	9	0	0	0	51
310 ANIMAL REPRODUCTION	1	0.3	0.0	0.0	0.0	0	0	0	29	0		29	0	0	8	0	0	0	37
318 NON-COM BIO TECH/BI	10	2.1	1.1	0.2	0.1	0	0	5	0	0		5	3	14	47	0	0	12	81
SUBTOTAL	82	19.8	17.8	6.5	5.9	0	0	227	39	0		266	163	207	660	31	96	65	1487
SERIES 400																		
401 NEW INP FOREST PROD	68	32.2	20.4	17.5	10.1	0	0	206	0	0		206	69	395	1038	41	394	30	2172
412 MKT QUAL ANIMAL PRO	1	0.1	0.2	0.0	0.0	0	0	3	0	0		3	3	1	3	0	0	0	10
SUBTOTAL	69	32.3	20.6	17.5	10.1	0	0	209	0	0		209	72	396	1041	41	394	30	2182
SERIES 500																		
502 MKTG TIMBER PRODUCT	4	1.1	1.1	0.1	0.0	0	0	2	0	0		2	18	42	42	0	9	9	122
509 PERFORMANCE MKTG SY	1	0.0	0.0	0.0	0.0	0	0	2	0	0		2	0	0	0	0	0	0	2
512 INP GRADES FRST PRO	5	1.8	1.3	0.3	0.9	0	0	0	0	0		0	10	21	63	0	18	5	116
513 PRICE ANAL FRST PRO	8	2.3	1.1	0.1	0.0	0	0	38	0	0		38	18	42	75	0	9	9	192
SUBTOTAL	18	5.2	3.5	0.5	0.9	0	0	42	0	0		42	46	104	180	0	37	23	431
SERIES 600																		
603 TECH AID DEV CRTY	4	0.4	0.5	0.0	0.0	0	0	12	0	0		12	5	2	4	0	1	0	24
SUBTOTAL	4	0.4	0.5	0.0	0.0	0	0	12	0	0		12	5	2	4	0	1	0	24
SERIES 800																		
805 COMMUNICAT RURAL PE	2	0.4	0.1	0.5	0.1	0	0	13	0	0		13	1	0	11	0	0	0	25
SUBTOTAL	2	0.4	0.1	0.5	0.1	0	0	13	0	0		13	1	0	11	0	0	0	25
SERIES 900																		
901 ALLEV POLLUTION	10	3.7	3.7	1.7	0.2	0	0	42	0	0		42	46	0	104	4	15	49	260
902 OUTDOOR RECREATION	31	8.2	7.5	7.8	2.4	0	0	165	0	0		165	41	369	294	0	0	45	913
903 MULTI-USE-FOREST PO	15	4.5	2.9	2.0	1.1	0	0	84	0	0		84	8	0	47	0	0	132	270
904 WLDLFE AND FISH ECO	69	22.5	26.7	27.3	9.4	0	0	138	0	0		138	242	994	637	69	11	166	2257
905 TREES BEAUTIFICATIO	6	3.1	1.1	0.1	0.0	0	0	4	0	0		4	37	97	155	0	0	34	326
906 ORNAMENT & TURF DEV	1	0.1	0.0	0.0	0.0	0	0	0	0	0		0	0	0	2	0	0	3	5
907 RURAL INCOME INP	1	0.1	0.0	0.0	0.0	0	0	0	0	0		0	0	0	2	0	0	0	2
990 UNCLASSIFIED	11	23.7	20.6	24.7	4.5	0	0	11	0	0		11	241	257	774	0	286	38	1608
SUBTOTAL	144	65.9	62.4	63.5	17.6	0	0	443	0	0		443	615	1716	2015	73	312	466	5640
SCIENCE IN SERV OF MAN	667		212.3		77.9		0		39			2309		4266		521		1307	
GRAND TOTAL		208.8		137.1		0		2270		0			1705		7084		1117		18309

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-B-8 SUMMARY BY COMMODITY OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS SYS	PROF	TECH	OTHER	HATH	RRF	NCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	27	6.3	5.1	6.9	7.7	0	0	0	496	0	496	0	19	0	0	0	0	516
0200 WATER	13	8.5	6.6	4.8	3.3	0	0	0	420	0	420	0	0	0	0	0	0	420
0300 WATERSHEDS RIVER BAS	1	0.2	0.2	0.2	0.7	0	0	0	58	0	58	0	0	0	0	0	0	58
0400 AIR AND CLIMATE	1	0.1	0.0	0.6	0.0	0	0	0	41	0	41	0	0	0	0	0	0	41
0500 RECREATION RESOURCES	3	0.5	0.0	1.2	0.3	0	0	0	59	0	59	0	0	0	0	0	0	59
0600 TIMBER FORST PRODUCT	4	1.2	0.0	2.4	0.3	0	0	0	41	0	41	0	24	0	0	0	0	65
0800 WILDLIFE AND FISH	21	6.3	4.3	3.5	4.1	0	0	0	449	0	449	1	61	0	0	0	0	512
0900 CITRUS SUB TROP FRUT	2	0.0	0.1	0.1	0.3	0	0	0	2	0	2	0	0	0	0	0	0	2
1000 FRUIT NUTS DECIDUOUS	7	2.4	1.5	4.0	10.6	0	0	0	171	0	171	0	0	0	0	0	0	171
1200 VEGETABLES	30	9.3	10.4	5.2	22.2	0	0	0	695	0	695	0	3	0	0	0	0	699
1300 ORNAMENTALS TURF	2	0.5	0.6	0.0	0.9	0	0	0	58	0	58	0	0	0	0	0	0	58
1400 CORN	5	0.4	0.4	0.2	2.2	0	0	0	62	0	62	0	0	0	0	0	0	62
1500 GRAIN SORGHUM	1	0.8	0.1	0.5	0.3	0	0	0	14	0	14	0	0	0	0	0	0	14
1600 RICE	1	0.0	0.0	0.2	0.0	0	0	0	2	0	2	0	0	0	0	0	0	2
1700 WHEAT	4	1.3	0.5	0.5	1.6	0	0	0	52	0	52	0	3	0	0	0	0	56
1800 OTHER SMALL GRAINS	14	6.1	0.5	8.8	3.4	0	0	0	629	0	629	0	0	0	0	0	0	629
1900 PASTURE	1	0.3	0.0	0.0	0.2	0	0	0	15	0	15	0	0	0	0	0	0	15
2000 FORAGE CROPS	7	0.7	0.5	1.1	0.8	0	0	0	108	0	108	0	18	0	0	0	0	127
2100 COTTON	5	4.9	1.9	0.0	7.0	0	0	0	198	0	198	0	0	0	0	0	0	198
2300 SOYBEANS	30	9.0	16.0	11.4	9.1	0	0	0	978	0	978	2	152	0	0	0	95	1227
2400 PEANUTS	7	6.6	2.3	2.0	3.6	0	0	0	189	0	189	0	3	0	0	0	0	193
2500 OTHER OILSEED CROPS	1	0.1	0.2	0.0	0.1	0	0	0	7	0	7	0	3	0	0	0	0	10
2600 TOBACCO	1	0.2	0.0	0.0	0.0	0	0	0	13	0	13	0	0	0	0	0	0	13
2800 MISC NEW CROPS	1	0.2	0.3	0.0	0.0	0	0	0	8	0	8	0	0	0	0	0	0	8
2900 POULTRY	21	4.7	2.5	3.7	16.6	0	0	0	468	0	468	0	23	0	0	0	0	492
3000 BEEF CATTLE	28	7.7	2.3	8.9	6.8	0	0	0	699	0	699	0	0	1	0	0	0	700
3100 DAIRY CATTLE	14	1.8	2.1	7.1	4.1	0	0	0	416	0	416	0	0	0	0	0	0	416
3200 SWINE	25	5.0	1.5	9.8	13.3	0	0	0	466	0	466	1	61	0	0	0	0	529
3300 SHEEP AND WOOL	7	0.8	0.0	1.5	0.5	0	0	0	59	0	59	0	0	0	0	0	0	59
3400 OTHER ANIMALS	14	3.5	3.3	3.1	5.2	0	0	0	333	0	333	0	5	0	0	0	0	338
3600 FARM SUPP & FACILITS	6	4.1	0.1	1.7	1.1	0	0	0	330	0	330	0	0	0	0	0	0	330
3700 CLOTHING & TEXTILES	3	1.7	0.0	1.1	2.3	0	0	0	105	0	105	0	0	0	0	0	0	105
3800 FOOD	45	12.4	8.9	11.5	15.9	0	0	0	963	0	963	0	0	0	0	0	0	963
3900 HOUSING & EQUIP	6	1.4	2.1	1.5	1.9	0	0	0	172	0	172	0	0	0	0	0	0	172
4000 PEOPLE AS INDIVIDUAL	102	29.5	23.8	29.2	44.4	0	0	0	2353	0	2353	1	47	0	0	0	0	2402
4100 FAMILY MEMBERS	42	4.6	9.2	8.2	11.1	0	0	0	739	0	739	3	89	0	0	0	0	831
4200 FARM AS BUSINESS	9	1.6	0.8	1.3	2.9	0	0	0	154	0	154	1	31	0	0	0	0	186
4300 SOC POLIT ORGANIZ	21	3.1	2.0	6.4	2.7	0	0	0	349	0	349	0	9	0	0	0	0	357
4400 AGRIC ECONOMY U S	2	0.4	0.1	0.0	1.2	0	0	0	48	0	48	0	0	0	0	0	0	48
4600 FARM COOPERATIVES	3	0.9	2.5	0.3	1.4	0	0	0	130	0	130	0	0	0	0	0	0	130
4800 MARKETING SYSTEMS	2	1.0	0.3	0.5	3.3	0	0	0	83	0	83	0	0	0	0	0	0	83
6100 WEEDS	5	0.7	2.0	0.5	0.7	0	0	0	44	0	44	0	0	0	0	0	0	44
6300 BIO CELL SYSTEMS	1	0.2	0.2	0.0	1.3	0	0	0	40	0	40	0	0	0	0	0	0	40
6400 EXP DESIGN/STAT METH	2	0.2	0.1	0.0	0.5	0	0	0	22	0	22	0	0	0	0	0	0	22
6500 INVERTEBRATES	2	0.0	0.4	1.6	0.2	0	0	0	41	0	41	0	0	0	0	0	0	41
6600 MICROORGANISMS,VIRUS	2	0.2	0.0	0.0	0.0	0	0	0	19	0	19	0	0	0	0	0	0	19
6700 PLANTS	8	1.4	1.1	5.0	2.7	0	0	0	227	0	227	0	8	0	0	0	0	235
6800 ANIMALS(VERTEBRATES)	3	0.6	0.6	1.5	0.2	0	0	0	47	0	47	0	0	0	0	0	0	47
TOTAL	562	153.3	116.9	157.9	218.6	0	0	0	13072	0	13072	11	562	1	0	0	95	13741

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-D-8 SUMMARY BY PROBLEM AREA OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	RRF	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	CTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RES	5	0.9	0.2	0.4	0.3	0	0	0	36	0	36	0	0	0	0	0	0	36
102 SOIL PLNT WTR NUTRI	11	1.2	1.1	0.2	1.6	0	0	0	133	0	133	0	19	0	0	0	0	153
103 MGMT OF SALINE SOIL	1	0.2	0.2	0.0	0.1	0	0	0	3	0	3	0	0	0	0	0	0	3
104 ALTERN USE OF LAND	1	0.0	0.0	0.0	0.0	0	0	0	1	0	1	0	0	0	0	0	0	1
105 CONSERV USE OF WATE	1	0.3	0.0	0.0	0.0	0	0	0	14	0	14	0	0	0	0	0	0	14
109 WEATHER ADAPT & MOD	2	0.6	0.0	0.6	0.2	0	0	0	29	0	29	0	0	0	0	0	0	29
111 BIOL CULT MGMT FORS	2	0.9	0.0	0.4	0.2	0	0	0	36	0	36	0	0	0	0	0	0	36
SUBTOTAL	23	4.1	1.6	1.6	2.4	0	0	0	252	0	252	0	19	0	0	0	0	271
SERIES 200																		
201 CNTRL FORST INSECTS	1	0.2	0.0	2.0	0.1	0	0	0	0	0	0	0	24	0	0	0	0	24
204 CNTR PESTS FRT & VE	3	2.1	0.1	0.0	1.6	0	0	0	89	0	89	0	0	0	0	0	0	89
205 CNTR DISE FRT & VEG	6	1.4	0.1	1.3	0.9	0	0	0	70	0	70	0	0	0	0	0	0	70
206 CNTR WEEDS FRT & VE	10	1.4	0.0	2.9	1.6	0	0	0	95	0	95	0	0	0	0	0	0	95
207 CNTR PESTS FLD CROP	11	1.1	0.0	1.3	0.0	0	0	0	201	0	201	2	99	0	0	0	0	303
208 CNTR DIS FIELD CROP	9	5.8	4.3	2.1	8.3	0	0	0	383	0	383	0	0	0	0	0	0	383
209 CNTR WEEDS FLD CROP	2	0.6	0.0	0.3	0.5	0	0	0	27	0	27	0	0	0	0	0	0	27
211 CONTR DIS ANIMALS	11	1.3	1.1	2.0	8.4	0	0	0	133	0	133	0	15	0	0	0	0	148
212 CNTR INTER PARASITE	2	0.0	0.0	0.0	0.0	0	0	0	1	0	1	0	0	0	0	0	0	1
214 PROTECT FROM POLLUT	11	2.1	1.7	0.3	2.6	0	0	0	230	0	230	0	27	0	0	0	0	257
SUBTOTAL	66	16.1	7.2	12.2	24.0	0	0	0	1228	0	1228	3	166	0	0	0	0	1397
SERIES 300																		
304 IMP BIO EFF FRT & V	25	5.9	10.1	6.2	23.2	0	0	0	535	0	535	0	0	0	0	0	0	535
306 PROD MGMT SYS F & V	1	0.0	0.0	0.0	0.0	0	0	0	1	0	1	0	0	0	0	0	0	1
307 IMP BIO EFF FLD CRP	37	12.6	15.0	16.2	13.2	0	0	0	1237	0	1237	0	52	0	0	0	95	1384
309 PROD MGMT SYS FLD C	1	0.2	0.2	0.0	1.1	0	0	0	29	0	29	0	0	0	0	0	0	29
310 ANIMAL REPRODUCTION	14	3.3	2.1	10.0	10.2	0	0	0	354	0	354	0	0	0	0	0	0	354
311 IMP BIO EFF ANML PR	33	8.9	4.3	14.2	14.6	0	0	0	1044	0	1044	0	0	0	0	0	0	1044
312 ENV STRESS IN ANML	4	0.8	0.0	0.6	0.4	0	0	0	30	0	30	0	0	0	0	0	0	30
313 PROD MGMT SYS ANML	7	2.4	0.5	2.7	3.8	0	0	0	227	0	227	0	0	0	0	0	0	227
315 IMP STRUC FARM SUPP	6	4.1	0.1	1.7	1.1	0	0	0	330	0	330	0	0	0	0	0	0	330
316 FARM BUSINESS MGMT	4	0.6	0.0	0.3	0.9	0	0	0	43	0	43	0	0	0	0	0	0	43
318 NCN-COM BIO TECH/BI	11	0.8	3.3	2.9	2.2	0	0	0	170	0	170	0	0	0	0	0	0	170
SUBTOTAL	143	39.6	35.5	54.7	70.6	0	0	0	3999	0	3999	0	52	0	0	0	95	4147
SERIES 400																		
402 PROD F & V IMP ACCE	3	0.5	2.5	1.5	5.5	0	0	0	89	0	89	0	0	0	0	0	0	89
405 PROD FLD CROP IMP A	7	2.7	1.0	2.3	1.4	0	0	0	154	0	154	0	4	0	0	0	0	158
406 NEW IMP FOOD FLD CR	7	2.8	0.6	2.0	1.7	0	0	0	162	0	162	0	0	0	0	0	0	162
409 PROD ANML PR IMP AC	9	2.7	0.4	2.7	3.1	0	0	0	230	0	230	0	0	0	0	0	0	230
410 IMP MEAT MILK EGG P	1	0.0	0.4	0.0	2.3	0	0	0	23	0	23	0	0	0	0	0	0	23
412 MKT QUAL ANIMAL PRO	3	0.7	0.0	1.4	0.0	0	0	0	43	0	43	0	0	0	0	0	0	43
SUBTOTAL	30	9.4	4.9	9.9	13.9	0	0	0	701	0	701	0	4	0	0	0	0	705
SERIES 500																		
503 MKTG EFF AGRI PRODS	4	1.2	0.3	0.5	4.3	0	0	0	108	0	108	0	0	0	0	0	0	108
506 SPLY DEMAND AND PRI	1	0.0	0.0	0.0	0.0	0	0	0	1	0	1	0	0	0	0	0	0	1
509 PERFORMANCE MKTG SY	1	0.1	0.1	0.0	0.6	0	0	0	4	0	4	0	0	0	0	0	0	4
510 GROUP ACT MKT POWER	3	0.9	2.5	0.3	1.4	0	0	0	130	0	130	0	0	0	0	0	0	130
511 IMP AGRIC STATISTIC	1	0.2	0.0	0.0	0.5	0	0	0	16	0	16	0	0	0	0	0	0	16
SUBTOTAL	10	2.3	2.9	0.8	6.8	0	0	0	259	0	259	0	0	0	0	0	0	259
SERIES 700																		
701 TOX RES IN FOOD	4	0.7	0.1	0.9	1.4	0	0	0	80	0	80	0	0	0	0	0	0	80
702 FOOD PRCT FROM TOX	3	0.8	0.1	1.1	2.0	0	0	0	84	0	84	0	4	0	0	0	0	88
703 FOOD CONSUMP HABITS	44	13.5	4.1	10.4	12.9	0	0	0	731	0	731	0	0	0	0	0	0	731
704 HOME COMM FOOD SERV	3	0.2	0.1	0.1	0.4	0	0	0	6	0	6	0	0	0	0	0	0	6
705 SEL CARE CLOTH & TE	3	1.7	0.0	1.1	2.3	0	0	0	105	0	105	0	0	0	0	0	0	105
707 TRANS ANIML MAN DI	1	0.3	0.0	0.5	0.0	0	0	0	27	0	27	0	0	0	0	0	0	27
708 HUMAN NUTRITION	66	21.1	14.4	18.6	22.9	0	0	0	1559	0	1559	1	61	0	0	0	0	1621
709 REDUCE HAZ HLTH & S	4	0.7	0.2	1.0	0.5	0	0	0	49	0	49	0	0	0	0	0	0	49
SUBTOTAL	128	38.9	18.9	33.6	42.4	0	0	0	2641	0	2641	1	65	0	0	0	0	2708
SERIES 800																		
801 RURAL HOUSING	4	1.0	2.0	1.5	1.1	0	0	0	106	0	106	0	0	0	0	0	0	106
802 INDIV & FAM DEC MAK	20	2.7	4.9	3.9	3.8	0	0	0	379	0	379	1	45	0	0	0	0	425
803 RURAL POVERTY	12	1.6	3.4	2.7	3.6	0	0	0	283	0	283	0	0	0	0	0	0	283
804 ECON POTENT RURL PE	22	4.6	4.2	4.6	5.3	0	0	0	410	0	410	0	0	0	0	0	0	410
805 COMMUNICAT RURAL PE	16	2.6	5.8	3.0	5.2	0	0	0	303	0	303	2	86	0	0	0	0	391
806 ADJUSTMENT TO CHANG	18	4.8	5.1	2.3	7.3	0	0	0	437	0	437	0	15	0	0	0	0	452
807 AGRIC ECONOMIC CHAN	7	1.4	0.9	1.0	3.2	0	0	0	160	0	160	1	31	0	0	0	0	191
SUBTOTAL	99	18.6	26.4	18.9	29.5	0	0	0	2077	0	2077	5	176	0	0	0	0	2257
SERIES 900																		
901 ALLEV POLLUTION	30	13.8	10.6	12.0	11.0	0	0	0	961	0	961	0	18	1	0	0	0	980
902 OUTDOOR RECREATION	3	0.5	0.0	1.2	0.3	0	0	0	59	0	59	0	0	0	0	0	0	59
904 WLDLFE AND FISH ECO	19	5.7	4.3	3.4	3.9	0	0	0	424	0	424	1	61	0	0	0	0	486
905 TREES BEAUTIFICATIO	1	0.0	0.5	0.0	0.9	0	0	0	42	0	42	0	0	0	0	0	0	42
906 ORNAMENT & TURF DEV	1	0.5	0.1	0.0	0.0	0	0	0	15	0	15	0	0	0	0	0	0	15
907 RURAL INCOME IMP	13	3.1	3.1	7.4	11.9	0	0	0	285	0	285	0	0	0	0	0	0	285
908 RURAL INSTITUT IMP	9	0.7	1.0	2.4	0.9	0	0	0	128	0	128	0	0	0	0	0	0	128
SUBTOTAL	76	24.3	19.6	26.3	29.0	0	0	0	1915	0	1915	2	79	1	0	0	0	1996
SCIENCE IN SERV OF MAN	575		116.9		218.6		0		13072		13072		562		0		95	
GRAND TOTAL		153.3		157.9		0		0		0		11		1		0		13741

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-8 SUMMARY BY STATION OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
CONNECTICUT	NEW HAVEN	53	39.9	0.0	24.5	0.0	357	83 68	0	0		508	0	31	1406	0	0	23	1967
CONNECTICUT	STORRS	62	33.2	44.3	2.7	20.2	471	231 23	69	13		807	29	408	1522	19	31	169	2985
DIST OF COLUM	WASHINGTON	3	0.8	1.8	0.4	0.3	90	32 0	0	0		122	0	0	0	0	0	0	122
DELAWARE	NEWARK	61	22.4	26.1	3.8	19.3	583	224 56	0	0		863	4	5	927	247	80	69	2195
MASSACHUSETTS	AMHERST	101	46.4	81.3	41.9	38.1	977	383 131	56	0		1547	43	165	1407	37	100	184	3483
MARYLAND	COLLEGE PA	184	79.7	28.6	90.7	41.7	1113	393 234	39	7		1786	0	18	3472	345	187	0	5808
MAINE	ORONO	125	61.7	52.0	33.2	38.5	815	312 274	30	10		1441	85	332	1411	330	391	469	4457
NEW HAMPSHIRE	DURHAM	66	26.8	36.0	8.0	7.9	653	225 170	18	3		1068	0	0	887	61	46	0	2063
NEW JERSEY	NEW BRUNSW	287	102.0	92.1	76.6	44.9	960	614 104	318	15		2011	70	643	4846	7	1260	432	9269
NEW YORK	ITHACA	612	268.6	288.6	306.9	214.6	2129	609 76	191	90		3095	311	5546	9972	2194	1054	2526	24698
NEW YORK	GENEVA	149	74.9	48.6	68.3	33.1	237	299 0	283	0		818	24	155	3092	165	357	41	4653
PENNSYLVANIA	COLLEGE PA	292	137.4	7.0	286.7	118.5	2893	733 213	43	10		3892	488	402	5697	0	807	148	11432
RHODE ISLAND	KINGSTON	69	38.5	64.6	10.1	21.7	544	233 46	8	14		845	0	433	802	64	43	26	2213
VERMONT	BURLINGTON	80	27.4	14.0	27.1	8.1	699	196 0	71	10		976	5	105	779	4	68	0	1936
WEST VIRGINIA	MORGANTOWN	96	39.6	28.7	22.0	38.7	1352	327 200	0	8		1887	47	142	1279	341	26	35	3757
SUBTOTAL - SAES		2240	999.3	813.7	1002.9	645.6	13873	4894 1595	1126	180		21666	1106	8385	37499	3814	4450	4122	81038
DEL STATE COL	DOVER	12	5.0	2.4	8.3	0.0	0	0 0	526	0		526	0	0	0	0	0	0	526
MD. STATE COL	PRINCESS A	27	2.7	0.4	2.3	0.8	0	0 0	419	0		419	11	451	0	0	0	0	881
SUBTOTAL - OCI		39	7.7	2.8	10.6	0.8	0	0 0	945	0		945	11	451	0	0	0	0	1407
FORESTRY SCH	SYRACUSE	56	33.7	26.6	18.0	2.2	0	0 137	0	0		137	116	299	756	0	185	203	1696
FORESTRY SCH	BURLINGTON	10	4.3	0.9	7.0	1.6	0	0 171	0	0		171	12	17	172	2	0	35	409
SUBTOTAL - FRSTY SCH		66	38.0	27.5	25.0	3.8	0	0 308	0	0		308	128	316	928	2	185	238	2105
TOTAL		2345	1044.9	843.9	1038.5	650.1	13872	4894 1893	2072	180		22911	1234	9153	38418	3814	4634	4362	84524

SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-8 SUMMARY BY STATION OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	MCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
ALABAMA	AUBURN	234	141.9	80.3	110.4	219.9	2004	546 311	75	5		2941	290	411	6071	2645	317	650	13325
ARKANSAS	FAYETTEVIL	287	102.2	76.4	116.4	100.1	1694	445 359	191	23		2713	145	98	8370	0	467	582	12375
FLORIDA	GAINESVILL	621	375.9	112.6	522.6	488.4	1329	404 256	348	0		2337	905	1633	24279	399	1553	715	31819
GEORGIA	ATHENS	356	179.6	49.9	250.1	280.8	2261	687 349	91	12		3400	272	243	12846	1	763	495	18019
KENTUCKY	LEXINGTON	194	109.3	108.8	88.6	198.6	2456	508 200	100	0		3264	0	55	5521	46	0	0	8886
LOUISANA	BATON ROUG	466	204.7	0.0	0.0	0.0	1564	419 208	87	24		2301	171	137	13417	559	716	129	17431
MISSISSIPPI	STATE COLL	233	147.3	37.5	127.9	249.7	2103	511 325	84	0		3022	540	236	7793	1510	332	951	14385
NORTH CAROLINA	RALEIGH	515	199.6	383.7	360.0	210.2	3282	725 296	147	39		4490	392	1785	16544	768	1036	1518	26533
OKLAHOMA	STILLWATER	247	85.0	14.0	142.0	16.0	1504	366 160	69	16		2115	112	981	5238	1089	615	55	10205
PUERTO RICO	RIO PIEDRA	104	112.4	35.5	88.3	462.1	2294	453 0	1	34		2782	33	229	4458	1189	0	4	8695
SOUTH CAROLINA	CLEMSON	267	91.2	61.2	133.0	160.8	1745	420 0	55	25		2244	102	0	7238	0	0	0	9584
TENNESSEE	KNOXVILLE	222	120.4	103.9	51.1	204.2	2423	520 218	5	44		3210	20	2004	3716	2456	380	159	11945
TEXAS	COLLEGE ST	536	256.5	148.3	383.6	267.8	3076	740 132	180	4		4132	1194	978	16463	1554	2762	582	27667
VIRGINIA	BLACKSBURG	252	160.8	32.2	396.7	101.5	2086	473 262	141	37		2997	413	1391	6422	10	960	1621	13815
VIRGIN ISLANDS	ST. THOMAS	9	4.4	0.0	1.0	7.1	130	75 0	0	0		204	0	0	41	0	0	0	245
SUBTOTAL - SAES		4543	2291.2	1244.3	2771.7	2967.2	29951	7292 3076	1574	263		42152	4589	10181	138417	12226	9901	7461	224929
ALA TUSKEGEE	TUSKEGEE	57	7.8	24.1	14.0	50.7	0	0 0	781	0		781	0	0	0	0	0	0	781
ALA A&M	NORMAL	19	8.8	0.0	12.4	3.4	0	0 0	783	0		783	0	0	0	0	0	0	783
ARK A & M	PINE BLUFF	26	10.3	5.5	5.8	10.8	0	0 0	825	0		825	0	0	0	0	0	0	825
FLORIDA A&M	TALLAHASSE	19	20.0	11.3	3.0	7.3	0	0 0	686	0		686	0	0	0	0	0	0	686
FT. VALLEY COL	FORT VALLE	33	11.8	3.6	14.2	7.9	0	0 0	1055	0		1055	0	0	1	0	0	0	1056
KY STATE COLL	FRANKFORT	31	13.4	0.0	17.6	6.5	0	0 0	838	0		838	0	0	0	0	0	0	838
SOUTHERN UNIV	BATON ROUG	20	8.0	0.6	12.2	15.2	0	0 0	724	0		724	0	0	0	0	0	0	724
ALCORN A&M	LORMAN	13	5.2	5.0	12.9	2.6	0	0 0	498	0		498	0	0	0	0	0	0	498
AG TECH NC.	GREENSBORO	29	10.2	7.8	18.8	7.9	0	0 0	1046	0		1046	0	0	0	0	0	0	1046
LANGSTON UNIV	LANGSTON	12	10.3	6.2	3.3	18.0	0	0 0	521	0		521	0	0	0	0	0	0	521
SC STATE COLL	ORANGEBURG	17	7.6	6.3	8.8	11.3	0	0 0	829	0		829	0	0	0	0	0	0	829
TENN A&M IND	NASHVILLE	33	3.1	9.2	0.3	33.6	0	0 0	1011	0		1011	0	0	0	0	0	0	1011
PRAIRIE VW A&M	PRAIRIE VI	19	7.6	15.9	2.7	19.7	0	0 0	1118	0		1118	0	34	0	0	0	0	1153
VA STATE COLL	PETERSBURG	15	11.8	1.1	7.8	12.3	0	0 0	730	0		730	0	0	0	0	0	0	730
SUBTOTAL - OCI		343	135.9	96.6	133.8	207.2	0	0 0	11445	0		11445	0	34	1	0	0	0	11481
FORESTRY SCH	RUSTON	6	2.8	0.3	0.7	0.0	0	0 86	0	0		86	0	0	111	0	0	0	197
FORESTRY SCH	CLEMSON	45	9.8	9.5	13.1	9.6	0	0 238	0	0		238	39	26	461	0	0	64	829
FORESTRY SCH	WACOGDOCHE	23	6.4	5.4	3.6	0.7	0	0 138	0	0		138	47	187	154	0	37	11	575
SUBTOTAL - FRSTY SCH		74	19.0	15.2	17.4	10.3	0	0 462	0	0		462	86	213	726	0	37	75	1601
TOTAL		4960	2446.5	1356.2	2921.8	3184.5	29947	7286 3547	13018	263		54061	4628	10429	139144	12226	9939	7536	237963

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-8 SUMMARY BY STATION OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	MCIN STEN	SP RRF	OTH GT	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
ALASKA	FAIRBANKS	30	9.4	3.0	22.8	5.7	543	86	137	9	4	779	0	0	1867	0	0	0	2646
ILLINOIS	URBANA	300	153.4	211.2	66.6	146.3	2597	608	91	95	44	3435	118	672	6119	1157	748	451	12701
INDIANA	LAFAYETTE	339	188.0	47.6	162.2	200.6	2348	554	150	65	0	3116	367	3195	6095	2579	1350	418	17121
IOWA	AMES	344	121.7	221.9	60.7	179.3	2434	786	123	321	78	3743	869	1235	6945	643	3186	0	16621
KANSAS	MANHATTAN	564	177.0	242.3	158.2	64.0	1543	510	78	73	2	2207	411	1070	7806	2653	1063	38	15248
MICHIGAN	LANSING	461	169.4	178.2	159.5	94.5	2411	541	103	242	14	3310	509	1890	9226	846	1290	800	17871
MINNESOTA	ST PAUL	316	169.7	130.8	154.5	144.2	2308	559	230	126	47	3269	493	819	15774	7	441	1220	22023
MISSOURI	COLUMBIA	195	129.8	228.4	99.5	190.9	2273	481	224	281	17	3276	714	662	5808	1278	534	0	12271
NORTH DAKOTA	FARGO	250	117.8	90.7	110.2	41.7	1075	363	37	43	21	1539	156	259	5587	932	511	508	9491
NEBRASKA	LINCOLN	249	142.4	166.0	323.0	292.1	1414	546	78	151	2	2191	405	742	8190	6846	486	119	18979
OHIO	WOOSTER	328	122.6	52.6	218.8	0.0	2848	584	187	129	56	3803	207	440	13662	0	0	0	18113
SOUTH DAKOTA	BROOKINGS	171	89.1	60.3	47.7	8.0	1093	366	60	59	17	1594	46	216	2893	303	72	783	5905
WISCONSIN	MADISON	496	156.5	419.3	84.1	87.1	2322	639	230	56	14	3261	532	4754	9129	87	1212	195	19169
SUBTOTAL - SAES		4043	1746.8	2052.3	1667.8	1454.4	25209	6623	1728	1650	316	35523	4827	15954	99101	17331	10893	4532	188159
LINCOLN UNIV	JEFFERSON	27	8.5	5.5	9.5	9.5	0	0	0	654	0	654	0	0	0	0	0	0	654
SUBTOTAL - OCI		27	8.5	5.5	9.5	9.5	0	0	0	654	0	654	0	0	0	0	0	0	654
FORESTRY SCH	CARBONDALE	31	5.0	0.0	0.0	0.0	0	0	101	29	0	130	8	211	172	0	0	0	521
FORESTRY SCH	ANN ARBOR	47	6.1	14.0	0.0	0.0	0	0	115	10	0	125	0	0	132	0	1	121	379
FORESTRY SCH	HOUGHTON	28	12.2	2.3	8.1	8.0	0	0	78	0	0	78	0	160	375	0	445	123	1182
SUBTOTAL - FRSTY SCH		106	23.3	16.3	8.1	8.0	0	0	294	39	0	333	8	371	679	0	446	244	2082
TOTAL		4176	1778.3	2074.1	1686.5	1472.2	25211	6627	2023	2342	315	36518	4893	16325	99788	17332	11338	4774	190968

SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-8 SUMMARY BY STATION OF 1978 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	STAFF SUPPORT YEARS SYS	PROF	TECH	OTHER	HATH	MCIN STEN	SP RRF	OTH GT	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
ARIZONA	TUCSON	234	113.8	61.5	71.8	41.4	735	457	62	120	0	1374	923	401	6834	244	395	624	10796
CALIFORNIA	BERKELEY	1116	535.6	1012.0	293.5	498.8	2130	972	292	393	10	3796	1276	8330	42434	285	4023	728	60873
COLORADO	FT COLLINS	173	155.3	135.7	152.4	72.0	967	559	0	55	13	1595	920	3879	4821	2502	343	665	14724
GUAM	AGANA	12	8.0	1.0	3.3	18.7	457	73	0	3	0	533	0	0	370	0	0	0	903
HAWAII	HONOLULU	210	95.3	19.2	11.4	134.6	595	230	77	136	12	1050	455	357	4968	0	106	245	7180
IDAHO	MOSCOW	128	76.1	55.6	71.9	48.4	896	339	0	170	23	1428	141	278	4838	38	676	124	7122
MONTANA	BOZEMAN	168	79.8	72.5	59.1	169.6	854	403	0	34	1	1292	54	1036	3116	1372	356	298	7524
NEVADA	RENO	94	38.5	25.5	13.1	17.5	535	221	49	44	5	853	97	34	1788	0	100	266	3139
NEW MEXICO	UNIV PARK	133	53.2	42.4	10.6	39.0	762	243	120	7	21	1153	0	168	2234	28	67	29	3678
OREGON	CORVALLIS	323	143.4	78.2	134.9	93.0	1115	572	0	199	1	1888	7	2135	8818	640	517	855	14859
UTAH	LOGAN	159	66.4	40.9	33.7	18.7	674	416	99	65	10	1264	124	515	3146	201	211	433	5894
WASHINGTON	PULLMAN	319	128.1	81.5	172.0	215.3	1273	788	155	175	23	2415	253	1244	8339	861	1382	590	15085
WYOMING	LARAMIE	82	43.2	8.8	28.0	12.0	627	322	87	80	9	1125	0	131	1528	0	169	32	2985
SUBTOTAL - SAES		3151	1536.7	1634.8	1055.7	1379.0	11620	5595	941	1481	128	19766	4250	18508	92834	6171	8345	4889	154762
COLORADO	BOULDER	1	1.0	12.0	2.0	1.0	0	0	0	28	0	28	0	52	0	0	0	95	176
UTAH	PROVO	1	0.2	0.0	2.0	0.1	0	0	0	0	0	0	0	24	0	0	0	0	24
SUBTOTAL - OCI		2	1.2	12.0	4.0	1.1	0	0	0	28	0	28	0	76	0	0	0	95	200
FORESTRY SCH	FLAGSTAFF	11	4.7	3.3	0.0	1.3	0	0	67	0	0	67	39	0	74	0	0	0	180
FORESTRY SCH	ARCATA	13	1.2	0.0	0.2	0.0	0	0	45	0	0	45	0	0	61	0	6	0	112
FORESTRY SCH	FT COLLINS	14	2.4	4.5	0.1	2.5	0	0	169	0	0	169	0	77	28	0	14	0	288
FORESTRY SCH	MOSCOW	83	29.6	43.6	26.4	0.0	0	0	212	0	0	212	347	564	1131	327	24	21	2625
FORESTRY SCH	MISSOULA	23	11.8	14.4	10.1	7.7	0	0	193	0	0	193	274	571	306	63	43	85	1535
FORESTRY SCH	CORVALLIS	112	46.3	57.7	28.3	31.2	0	0	335	0	0	335	429	623	1628	130	269	53	3465
FORESTRY SCH	SEATTLE	26	32.5	29.8	21.5	13.1	0	0	184	0	0	184	394	1531	1524	0	94	591	4318
SUBTOTAL - FRSTY SCH		282	128.5	153.3	86.6	55.8	0	0	1205	0	0	1205	1483	3366	4752	520	450	750	12523
TOTAL		3435	1666.4	1800.1	1146.3	1435.9	11621	5594	2145	1510	129	20999	5734	21948	97584	6689	8794	5735	167483

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